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1912

# ANNUAL REPORT

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OF THE  
Superintendent  
OF  
SCHOOLS

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Lowell, Massachusetts, 1912

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# EIGHTY-SEVENTH ANNUAL REPORT

OF THE

## School Committee

OF THE

COMPLIMENTS OF SCHOOL COMMITTEE OF LOWELL

**HUGH J. MOLLOY**

SUPERINTENDENT OF SCHOOLS

PLEASE EXCHANGE

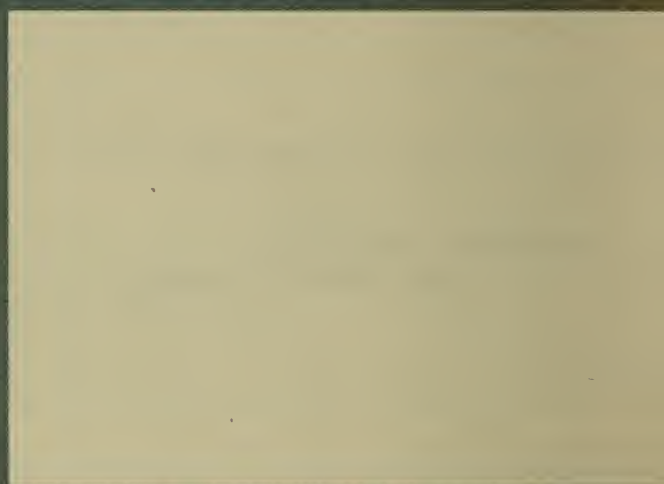
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F. A. M. TOBIN'S PRINTERY  
LOWELL, MASS.

1913



# EIGHTY-SEVENTH ANNUAL REPORT

OF THE

## School Committee

OF THE

CITY OF LOWELL, MASS.

AND THE

FORTY-NINTH ANNUAL REPORT

OF THE

Superintendent of Public Schools

1912



F. A. M. TOBIN'S PRINTERY  
LOWELL, MASS.

1913

## CITY OF LOWELL

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Office of the School Committee,

LOWELL, MASS., March 25, 1913.

At a meeting of the School Committee, held March 25, 1913, it was voted to adopt the report of the Superintendent of Schools for 1912 as the report of the School Committee for that year, and to authorize the printing of the report.

In accordance with this vote the report is herewith submitted.

Hugh J. Molloy,  
Secretary.

ORGANIZATION

OF THE

School Committee

1912

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JOHN C. FARRINGTON, Chairman.  
ARTHUR K. WHITCOMB, Secretary.

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PATRICK J. BAGLEY, D. M. D., 19 Lombard St.	Term expires 1913
JOHN C. FARRINGTON, 182 Perry St.	" " 1913
CHARLES T. McKENZIE, 101 Coburn St.	" " 1912
JAMES B. O'CONNOR, M. D., 188 Moore St.	" " 1912
JOHN JACOB ROGERS, 444 Andover St,	" " 1912

### STANDING COMMITTEES

- On Teachers**—Dr. Bagley, Mr. Farrington, Mr. McKenzie, Dr. O'Connor, Mr. Rogers.
- On Books and Supplies**—Mr. Farrington, Dr. Bagley, Mr. McKenzie, Dr. O'Connor, Mr. Rogers.
- On Evening Schools**—Mr. McKenzie, Dr. Bagley, Mr. Farrington, Dr. O'Connor, Mr. Rogers.
- On High School**—Dr. O'Connor, Dr. Bagley, Mr. Farrington, Mr. McKenzie, Mr. Rogers.
- On Rules**—Mr. Rogers, Dr. Bagley, Mr. Farrington, Mr. McKenzie, Dr. O'Connor.
- On Finance**—Dr. Bagley, Mr. Farrington, Mr. McKenzie, Dr. O'Connor, Mr. Rogers.
- On School Houses and Hygiene**—Dr. O'Connor, Dr. Bagley, Mr. Farrington, Mr. McKenzie, Mr. Rogers.
- On Industrial School**—Mr. McKenzie, Dr. Bagley, Mr. Farrington, Mr. Rogers, Dr. O'Connor.
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### ASSIGNMENT OF SCHOOLS

- Dr. Bagley**—High, Industrial, Bartlett, Pawtucket, Green, Cross street, New Moody street, Lexington avenue, Worthen street, Morrill, Kirk street, Cabot street; Pawtucket and Bartlett Kindergartens.
- Mr. Farrington**—High, Industrial, Colburn, Edson, Colburn Primary, Charles street, Ames street, Central street, Eliot, Cottage street, Chapel street and Charles street Kindergartens.
- Mr. McKenzie**—High, Industrial, Varnum, Greenhalge, Tenth street, West Sixth street, Billings street, Lakeview avenue; Varnum Kindergarten.
- Dr. O'Connor**—High, Industrial, Butler, Lincoln, Highland, Riverside, Franklin, London street, Weed street, Agawam street, Carter street, Lyon street, Howard street, Grand street, Laura Lee, Dover street, Pine street, Middlesex Village; Lincoln, Franklin, Dover street, Laura Lee, Pine street and Agawam street Kindergartens.
- Mr. Rogers**—High, Industrial, Moody, Washington, Pond street, High street, Sycamore street, Powell street; Moody Kindergarten.



**ASSIGNMENT OF EVENING SCHOOLS**

Mr. McKenzie—High, Drawing, Cabot St.

Mr. Farrington—Greenhalge, Colburn, Edson.

Dr. O'Connor—Butler, Green, Franklin.

Dr. Bagley—Worthen, Mann, Middlesex Village.

Mr. Rogers—Old Moody, Riverside, Howard St.

Arthur K. Whitcomb, Superintendent of Public Schools.

Office in City Hall.

Office Hours—One hour after the forenoon session of schools  
and from 10 to 12 o'clock on Saturday forenoon.

Telephone 2728. Home Telephone 2030.

HENRY WILLIAMS, School Supply Agent.

Office in School Supply Room, City Hall.

Hours—8 a. m. to 12.30 p. m., and 1 to 5 p. m. Office Tele-  
phone 2727. Home Telephone 2714.

WM. F. THORNTON, Supervisor of Janitors.

Office, City Hall, Third Floor.

Office Hours—12 m. to 1 p. m. Home Telephone 3423.

**TRUANT COMMISSIONERS**

WM. F. THORNTON

CAMILLE ROUSSIN, HENRY L. WILLIAMS,

JOHN J. WALKER.

Office in City Hall, Third Floor.

Office Hours—12m. to 1 p. m. for all the working days of the  
year.

**REGULAR MEETINGS OF THE SCHOOL COMMITTEE**

January 30	February 27	March 26	April 30
May 28	June 25	July 30	August 27
September 24	October 29	November 26	December 31



ORGANIZATION

OF THE

School Committee

1913

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JOHN H. LAMBERT, M. D., Chairman.  
HUGH J. MOLLOY, Secretary.

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	Term Expires
PATRICK J. BAGLEY, D. M. D. ....	1913
Res., 23 Lombard St.	
Tel. 2156. Bus., 169 Merrimack St.	
ABEL R. CAMPBELL, .....	1914
Res., 23 Harris Ave.	
Tel. 2185. Bus., Sun Building.	
JOHN H. LAMBERT, M. D. ....	1914
Bus., 202 Merrimack St.	
Tel. 3564. Res., 70 Wannalancit St.	
JOHN C. FARRINGTON, .....	1913
Bus., 15 Paige St.	
Tel. 3228-1. Res., 182 Perry St.	
PERRY D. THOMPSON, .....	1914
Res. 185 Andover St.	
Tel. 3822. Bus., 31 Donovan Bldg.	

### STANDING COMMITTEES

**Teachers**—Dr. Lambert, Dr. Bagley, Mr. Campbell, Mr. Farrington, Mr. Thompson.

**Books and Supplies**—Mr. Campbell, Dr. Bagley, Mr. Farrington, Dr. Lambert, Mr. Thompson.

**Evening Schools**—Dr. Lambert, Dr. Bagley, Mr. Campbell, Mr. Farrington, Mr. Thompson.

**High School**—Mr. Thompson, Dr. Bagley, Mr. Campbell, Mr. Farrington, Dr. Lambert.

**Rules**—Dr. Bagley, Mr. Campbell, Mr. Farrington, Dr. Lambert, Mr. Thompson.

**Finance**—Mr. Farrington, Dr. Bagley, Mr. Campbell, Dr. Lambert, Mr. Thompson.

**School Houses and Hygiene**—Mr. Campbell, Dr. Bagley, Mr. Farrington, Dr. Lambert, Mr. Thompson.

**Industrial School**—Mr. Thompson, Dr. Bagley, Mr. Campbell, Mr. Farrington, Dr. Lambert.

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### ASSIGNMENT OF SCHOOLS

**Dr. Bagley**—High, Industrial, Butler, Green, Worthen street, Morrill, Kirk street, Cabot street, London street, Carter street, Agawam street; Agawam Kindergarten.

**Mr. Campbell**—High, Industrial, Highland, Lincoln, Washington, Grand street, Howard street, Dover street, Franklin, Pine street, Lincoln Primary, Middlesex Village, Powell street, Washington Primary, Laura Lee; Dover, Franklin, Pine street, and Laura Lee Kindergartens.

**Mr. Farrington**—High, Industrial, Varnum, Colburn Grammar, Colburn Primary, Charles street, Ames street, Central street, Eliot, Cottage street, Lyon street; Charles street, and Varnum Kindergartens.

**Dr. Lambert**—High, Industrial, Bartlett Grammar, Pawtucket, Greenhalge Grammar, Cross street, New Moody street, Lexington avenue, Greenhalge Primary, Bartlett Primary, Lakeview avenue, Billings street, Bartlett and Pawtucket Kindergartens.

**Mr. Thompson**—High, Industrial, Moody, Edson, Riverside Grammar, High street, Pond street, Sycamore street, Weed street, Riverside Primary, West Sixth street, Tenth street; Moody and Chapel street Kindergartens.

**ASSIGNMENT OF EVENING SCHOOLS**

Dr. Lambert—High, Green, Greenhalge.

Mr. Farrington—Colburn, Edson, Franklin.

Mr. Campbell—Butler, Worthen, Mann.

Dr. Bagley—Howard St., Middlesex Village, Cabot St.

Mr. Thompson—Drawing, Old Moody, Riverside.

HUGH J. MOLLOY, Superintendent of Public Schools.  
Office in City Hall.

Office Hours—One hour after the forenoon session of the schools; at other times, including Saturdays, by appointment. Telephone 2728. Home Telephone 3121.

Supervisor of Primary Grades.

ALICE T. LEE.

12 South Walker St. Telephone 1405.

Office Hours—12 to 1 every school day.

Clerk

FANNIE A. THOMPSON.

Telephone 1066.

School Supply Agent

HENRY L. WILLIAMS.

Office in School Supply Room, City Hall.

Hours—8 a. m. to 12:30 p. m., and 1 to 5 p. m.

Office Telephone 2727. Home Telephone 2714.

Supervisor of Janitors.

WILLIAM F. THORNTON.

Office, City Hall, Third Floor.

Office Hours—12m. to 1 p. m. Home Telephone 3423.

**TRUANT COMMISSIONERS**

WM. F. THORNTON,

CAMILLE ROUSSIN, HENRY L. WILLIAMS,

JOHN J. WALKER.

Office in City Hall, Third Floor.

Office Hours—12 m. to 1 p. m. for all the working days of the year.

**REGULAR MEETINGS OF THE SCHOOL COMMITTEE**

January 28	February 25	March 25	April 29
May 27	June 24	July 29	August 26
September 30	October 28	November 25	December 30



# REPORT OF THE Superintendent of Schools

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Office of the Superintendent of Schools,  
March 25, 1913.

To the School Committee of Lowell:

The following report, for the year 1912, is respectfully submitted.

## SUMMARY OF STATISTICS

Valuation of City (basis of taxation in 1911) ..	\$84,694,648.90
Valuation of school houses and lots .....	1,959,750.00
Rate of taxation (\$19.00 per \$1000) .....	1.90 per cent.
Expenditures for day schools .....	377,109.47
Expenditures for evening schools .....	17,448.75
Day school expenditures to total valuation ..	.445 per cent.
Day and evening school expenditures to total valuation .....	.466 per cent
Population by census of 1910 .....	106,294
Number of polls .....	24,652
Decrease for the year .....	1,151
Number of children between five and fifteen years of age, September 1, 1912, males 7218; females 7532 .....	14,750

Ward One,	1018	Ward Six,	3188
“ Two,	1511	“ Seven,	1595
“ Three,	1547	“ Eight,	1323
“ Four,	1475	“ Nine,	1678
„ Five,	1415		

Decrease in the year .....

Number between 7 and 14 (compulsory school age) .....	10,874
Increase for year .....	81
Number of public day schools .....	62
One High, thirteen Grammar, thirty-five Primary, two Mixed, eleven Kindergarten.	
Number of public school buildings .....	59
Occupied by day schools, 53; used for evening schools, 3; unoccupied, 3.	
Number of school rooms in actual use .....	306
High, 37; Grammar, 129; Primary, 124; Mixed, 4; Kindergarten, 12.	
Elected teachers Dec. 31, 1911-12; on leave, 13; in service .....	339
Teachers in service Dec. 31, including clerk in H. S. ....	363
Elected, 339; permanent substitutes, 24.	
Subdivisions of Elected Teachers in service:	
High, 43, 14 men, 29 women; Grammar, 142, 12 men, 130 women; Primary, 116 women; Mixed, 4 women; Kindergarten, 22 women; Drawing, 2 women; Music, 1 man, 1 woman, Sewing, 2 women; School visitor, 1 woman; Supervisor of primary grades, 1 woman.	
Teachers in Evening Schools, term of 1911-12 ..	132
High, 28; Elementary, 86; Drawing, 18.	
Pupils enrolled in Evening Schools, term of 1911-12	3546
High, 966; Elementary, 2256; Drawing, 324.	
Whole number of pupils enrolled in Day Schools	12,721
High, 1273; Grammar, 5659; Primary 4984; Mixed, 158; Kindergarten, 647.	
Average number belonging to Day Schools....	10,816
High, 1173; Grammar, 4986; Primary, 4128; Mixed, 138; Kindergartens, 391.	



Average attendance .....	9,991
High, 1120; Grammar, 4677; Primary, 3764; Mixed, 129; Kindergartens, 301.	
Average number belonging to each teacher ..	34
High, 32; Grammar, 35; Primary, 36; Mixed, 35; Kindergarten, 18.	
Average belonging to each room .....	36
High, 32; Grammar, 35; Primary, 36; Mixed, 35; Kindergarten, 33.	
Average per cent. of attendance .....	92.37
High, 95.48; Grammar, 93.82; Primary, 91.18; Mixed, 93.47; Kindergarten, 76.98.	
Average cost of each pupil, for tuition only, based on the average number belonging ..	\$24.13
High, \$35.68; Grammar, \$22.99; Primary, and Mixed, \$19.85; Kindergarten, \$30.96.	
Total cost per pupil for tuition, salaries of janitors, medical inspection, six-sevenths of supervision, supplies, fuel, and all inci- dentals, based on enrollment .....	\$29.60
Same based on average number belonging ....	\$34.82
Average cost per pupil in evening schools for teachers and janitors, fuel, light, supplies and one-seventh of supervision, based on average number belonging .....	\$10.06

### INDUSTRIAL SCHOOLS

(Not included in the foregoing, Sept. to Dec. only)

Boys: Buildings, 2; rooms, 10; teachers, 9; pupils enrolled, 158; average belonging, 144; average attending, 132; per cent. attendance, 91.

Girls: Building, 1; rooms, 4; teachers, 6; pupils enrolled, 97; average belonging, 82; average attending, 74; per cent. attendance, 90.

## RECEIPTS AND EXPENDITURES

## Receipts

Appropriated and assessed in 1912 ..... \$420,983.57

## Expenditures

Paid to teachers of day schools:

High School ..... \$41,858.87

Grammar Schools—Bartlett School \$10,480.94

Butler School 13,088.29

Colburn School 6,844.37

Edson School 9,168.89

Green School 9,829.26

Greenhalge School 7,778.92

Highland School 11,703.60

A. Lincoln School 9,448.67

Moody School 9,539.07

Pawtucket School 6,328.15

Riverside School 2,952.49

Varnum School 12,047.27

Washington School 5323.75

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114,529.67

Primary and Mixed Schools..... 84,689.25

Kindergartens ..... 12,106.53

Special teachers..... 4,963.82

Permanent Substitutes..... 2,874.01

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Total paid for instruction in day schools....261,022.15

School physicians and school visitor:—

Paid school physicians.....\$ 1,800.00

Paid school visitor..... 638.89

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2,438.89

## Janitors:—

Paid janitors of day schools.....51,397.61

## Evening Schools:—

Teachers, High and Elementary Schools 13,007.25

Teachers, Drawing and Art Schools 2,069.00

Janitors ..... 2,470.50

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\$17,546.75

## Cost of supervision:—

Superintendent of Schools.....\$3,075.00

Office Assistant..... 687.50

Truant officers (four)..... 4,704.41

Assistant in supply room..... 864.50

Extra Assistant in Supply room..... 25.00

Assistant Supervisor of janitors..... 437.50

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\$9,793.91

Industrial School teachers and janitors.....16,195.18

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Total Salaries, Industrial Schools omitted.....\$342,199.31

Total Salaries, Industrial Schools included ..... 358,394.49

**Bills**

Coal (evening schools \$573.90) ..... \$18,812.11

Wood (evening schools \$4.75)..... 652.50

Water (evening schools \$38.64)..... 872.37

Gas (evening schools \$898.80)..... 1,367.22

Electric lighting (evening schools \$848.74) 1,024.41

Electricity for power..... 2,684.62

Repairs by Supt. Public Buildings..... 698.16

General repairs ..... 901.94

Electrical repairs ..... 975.26

Text books (evening schools \$393.18).... 6,908.65

Writing books, stationery, etc., (eve. schools  
\$172.48) ..... 4,963.00

Supplies for janitors.....	2,002.01	
Material for sewing.....	251.49	
Supplies for kindergartens.....	311.50	
Supplies and apparatus, H. S. laboratories	103.57	
Manual training supplies.....	198.12	
Bills of Middlesex County, board of truants	3,873.54	
Printing, (eve. sch. \$129.14).....	1,565.94	
Annual Report, printing 100 pages.....	366.05	
Board of horses, carriage repairs, etc....	679.65	
New wagon.....	143.00	
High School Regiment.....	444.85	
Graduations (evening schools \$101.10)....	658.97	
Medical Inspection supplies.....	22.00	
Telephones .....	81.66	
Manual training in grammar schools.....	56.26	
Dental equipment.....	735.10	
Examinations of candidates for teaching posi- tions .....	100.00	
Industrial Schools.....	10,230.17	
Miscellaneous .....	904.96	
Total of bills, Industrial Schools omitted ....	\$52,358.91	
Total of bills, Industrial Schools included.....	62,589.08	
Salaries and bil's, Industrial Schools omitted..	394,558.22	
Salaries and bills, Industrial Schools included ....	420,983.57	

### Analysis of Industrial School Expenses

Salaries of day school teachers.....	12,042.97	
Janitors of day schools.....	1,761.96	
		13,804.93
Salaries of evening school teachers .....	1,790.00	
Janitors of evening schools .....	600.25	2,390.25
Total of salaries.....		16,195.18
Equipment and supplies .....	10,230.17	
Expected reimbursement by State to cover period from Sept. 1911 to Dec. 1, 1912, 11,275.26		

### School House Repairs

Expenditures by Lands and Buildings Department \$19,500.00

## SCHOOL CENSUS

The number of children between five and fifteen years of age in September, 1912, was 14,750, — 223 less than in September, 1911.

The number enrolled in the public schools was 12,885, and the presumption is that practically all of the others were enrolled in private or parochial schools.

The census of children of school age from which these figures have been taken is required by statute; it is taken by the truant officers, with some help from the janitors, and appears to be the only means of reaching even an approximate estimate of the number, names, and residences of the children of school age.

## RECEIPTS AND EXPENDITURES

A comparison of the total expenditure for 1912 with that for 1911 shows an increase of about \$19,000. Without going into minute details, attention may be called to an increase of \$12,000 on account of the industrial school, of \$4000 on account of the increase in the pay of janitors, of \$2000 in the fuel account, and of \$1000 for light and power; there are slight increases and decreases here and there but the great difference in the totals for the two years can be attributed to the amounts above enumerated.

The total amount received for the tuition of outside pupils and paid into the general treasury was \$13,442.71; the amount to be received from the State as its share of the maintenance of the industrial school for the year 1912 is about \$9000. If these amounts be deducted from the total charged up to the school department it will be seen that that total is considerably less than \$400,000.

The following table shows the amount per pupil in each school for text books and supplies.

	Cost 1912	Pupils 1912	Average 1912	Average 9 years
High School	\$4,620 91	1173	\$3 94	\$3 96
<b>GRAMMAR SCHOOLS</b>				
Bartlett	\$400 28	417	\$ 95	\$1 45
Butler	789 53	641	1 23	1 38
Colburn	177 64	295	60	1 32
Edson	427 57	451	94	1 08
Green	640 78	419	1 52	1 29
Greenhalge	398 18	325	1 22	1 93
Highland	612 96	495	1 23	1 27
Lincoln	392 58	462	85	1 31
Moody	284 56	381	74	1 02
Pawtucket	688 58	250	2 75	1 39
Riverside	114 87	93	1 23	1 03
Varnum	651 53	557	1 17	1 10
Washington	258 48	200	1 29	
Totals	\$5,837 54	4986	\$1 17	\$1 29
<b>PRIMARY SCHOOLS</b>				
Agawam	\$ 32 48	89	\$ 36	\$ 39
Ames	37 45	136	27	36
Bartlett	41 00	209	19	
Billings	111 78	142	78	47
Cabot	15 71	83	19	42
Central	59 09	136	43	42
Charles	69 20	154	45	47
Cottage	40 23	103	39	38
Carter	46 96	168	28	37
Cross	48 36	66	73	62
Dover	41 10	121	34	43
Eliot	29 83	131	22	42
Franklin	57 00	133	42	45
Greenhalge	10 69	105	10	37
Howard	105 54	136	77	71
Kirk	32 38	64	50	37
Lakeview	90 08	143	63	56
Lexington	29 47	26	1 13	92
London	31 60	125	25	46
Lyon	89 23	190	47	96
Lincoln	40 15	84	47	41
Morrill	22 05	97	22	82
Middlesex	51 27	112	45	73
Moody Street	55 22	173	32	49
Oaklands	27 58	77	35	36
Pine	63 75	120	53	49
Pond	39 59	164	24	24
Powell	47 21	96	49	41
Laura Lee	113 55	227	50	41
Riverside	25 00	87	28	21
Tenth	36 70	140	26	25
Colburn	26 53	142	18	31
Weed	49 80	83	60	27
West Sixth	48 58	147	33	42
Worthen	19 07	98	19	36
Totals	\$1,685 23	4307	\$ 39	\$ 45
Kindergartens	352 46	391	90	1 00
Totals for all schools	\$12,496 14	10,857	\$1 15	\$1 15



## SCHOOL HOUSES

When we come to the general consideration of the school houses in the City of Lowell we find a rather interesting, not to say peculiar, state of affairs. According to the facts set forth in the summary on page twelve of this report, fifty-three buildings are occupied by day schools, and the number of school rooms in actual use is three hundred six; these figures show an average of less than six rooms per building.

If we take the buildings used for the high school and, in addition to them, seven other large school buildings, a total of nine school buildings in all, we shall have remaining forty-four buildings, with 171 rooms; here, then, we have forty-four school buildings which show an average of less than four rooms.

On the score of economy alone, taking into consideration the care and heating of the buildings and fixed or overhead charges generally, this plan of housing children, which has grown up during a long term of years and without a far-seeing or comprehensive scheme, is wasteful.

On the score of efficiency and the administration of the school department in such a way as to get the best possible results from the money expended, such scattering of children at so many points throughout the city has practically nothing to recommend it.

If we had fewer and better and larger buildings, buildings, let us say, which would in almost every case accommodate five or six hundred pupils, supervision could be more regular and thorough, the grading of pupils could be adapted better to their needs, the problem of the backward child and the progressive one also could be treated better, and special classes, which we need greatly today, could be arranged and carried on.

Lowell is, all things considered, a very compact city and the distances within the different sections and even from one section to another are comparatively short; and there is no apparent need of so many small school buildings even if it were economical to continue to use them; much less, then, should

such a state of affairs be allowed to continue, since economy, efficiency and progressive school administration all argue against it.

Careful, comprehensive study of the school population, present school districts, and the conditions which are likely to prevail during the next ten or twenty years would lead to the adoption of a large and coherent plan for the proper housing of the school children of Lowell; and such a plan would be in reality a saving and economical one for the city, particularly when we consider to what an extent a large amount of discarded property would contribute toward the cost of new buildings, while the decreased cost of maintenance and tuition, on account of better and more compact grouping and classification, would go a long way toward meeting the expense of making the change.

It is safe to say that there is no question of municipal administration today which is more important; the question should be taken up and investigated thoroughly, because the development and the progressive administration of the school system depend upon it to a very high degree.

## SCHOOLS AND TEACHERS

Only three changes have been made in school rooms during the year. One primary room at the Morrill School was taken to meet the needs of the Industrial School; a primary room was opened at the Washington School; the kindergarten at the Lincoln School was discontinued and the room was given over to the grammar grades.

The following data concern changes in the roll of teachers:

### RESIGNED

#### Term of Service

Lizzie S. Lowe.....	55 years
Anna W. Devereaux.....	19 years
Blanche A. Cheney.....	16 years
M. Josephine Donehue.....	12 years



Annie T. Delay.....	12 years
Etta Foye.....	11 years
Joanna V. Hoar.....	11 years
Edith Kelley.....	4 years
Mary E. Cassidy.....	4 years
M. Alice Mather.....	2 years
Edward J. Clark, M. D.....	2½ years
Arthur W. Trubey.....	1 year
Harland Miller.....	7 months

### TRANSFERED

Mary C. Timmons, from the Edson to the Ames street.  
 Alice O. Stickney, from the Billings street to the Edson.  
 Flora A. Owen, from the High to the Moody.  
 Mary T. Whelley, from the Morrill to Cabot street.  
 Ida J. Clarke, from the Cabot street to the Greenhalge Primary.  
 Susan F. Burbank, from the High to the Edson.  
 Myrtle M. Killpartrick, from the Lincoln to Washington Primary.  
 Esther M. Downing, from the Lincoln to the Industrial.  
 Olive J. Palm, from the Washington to the Pawtucket.  
 Elizabeth G. Common, from the Pawtucket to the Washington.  
 Etta M. Smith, from the Riverside to the Billings street.  
 Ruth Crowell, from the Billings street to Riverside Primary.  
 Kate F. Murphy, from Ames street to Lyon street.  
 Etta M. Smith, from the Billings street to the Riverside.  
 Ruth Crowell, from the Riverside to the Billings street.

### ELECTED

Mary C. Joyce, to the High School.  
 Margaret A. Teague, to the High School.  
 John H. Burns, to the High School  
 William M. Collins, M. D. Medical Director in the High School.  
 Thomas Doyle, Military Instructor in the High School.  
 Frances L. Masterson, to the High School.  
 Margaret M. Cassidy, to the High School.

Joseph G. Pyne, to the High School.  
 Alice T. Lee, Supervisor of Primary Grades.  
 Esther M. Owens, Assistant Teacher in Sewing.  
 Patrick J. Reynolds, Principal of Riverside School.  
 Timothy H. Reardon, to the Industrial School.  
 Charles J. Rodgers, to the Industrial School.  
 Joseph O'Donoghue, to the Industrial School.  
 Esther G. Donlan, to the Industrial School.  
 Delia F. Briscoe. Carrie L. Brown.  
 Emma M. Graham. Vera E. Groves.  
 Gertrude B. McQuade. Annie L. McKissock.  
 Mary A. McCue. Martha R. Taylor.

An examination of candidates for teachers' certificates of the third grade was held on June 29, 1912. Fifty candidates presented themselves for the examination and as a result of this examination twenty-seven candidates were placed upon the list of permanent substitutes. Two of this number did not avail themselves of the privilege of going on the eligible list and a third candidate, after serving for a brief time as a substitute, obtained a leave of absence for the purpose of further study.

These permanent substitutes have been in constant employment since the opening of the schools in September as substitutes for regular teachers, as assistant teachers in rooms where the numbers were unusually large, or as teachers of groups or small classes of backward children.

### Pupils by Grades

	Males	Females	Total	Per Cent.		Males	Females	Total	Per Cent.
Kind'tens	179	175	354		Grade	7, 317	341	658	*18
Grade 1,	770	754	1524	*11	"	8, 237	266	503	*9
" 2,	654	576	1230	*14	"	9, 211	236	447	*17
" 3,	546	520	1066	*13	"	10, 196	196	392	
" 4,	555	523	1078	*15	"	11, 159	177	336	*9
" 5,	466	428	894	*15	"	12, 120	163	283	†12
" 6,	397	395	792	*11	"	13, 92	120	212	†13

\*Decrease

†Increase

## HIGH SCHOOL

The high school graduated a class of 223 in June and there was an entering class of 426 in September. Of this class 316 were from grammar schools, 64 from parochial schools, 39 from adjoining towns which possess certificate privilege, and 7 were admitted by examination.

The grammar schools promoted 419 pupils to the high school, of whom 316 or 75 per cent. entered the high school in September. The average age of the entering class was 14 years 8 months.

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The graduation exercises were held in Keith's Theatre on June 26. The program of the occasion, with the names of the graduates, the names of the Carney medal scholars, and the names of the students who were awarded honorable mention, follows.

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- 1 OVERTURE Morning, Noon, and Night Suppe  
Sheehan's Pawtucket Orchestra
- 2 CHORUS Hail to the Chief Prout  
Boat Song from "The Lady of the Lake"
- 3 SALUTATORY An Ideal Woman  
Teresa Garland Lew
- 4 BOYS' GLEE CLUB  
 (a) Yachting Glee Culbertson  
 (b) The Bells of Shandon George B. Nevin  
 First Tenors: Messrs. Hillier, '12; Knapp, '12; Gardner, '12; Kerwin, '12; O'Brien, '12  
 Second Tenors: Messrs. Gillinson, '13; Hartford, '12; Grover, '12; Wells, '12; Johnson, '12  
 First Bass: Messrs. Leland, '12; Keyes, '12; Hazeltine, '12; Silk, '12; Safford, '12.  
 Second Bass: Messrs. Leggat, '12; Wilson, '13; Duval, '13; Enwright, '12; Clark, '12.

- 5 CONCERT WALTZ Blue Danube Strauss  
Sheehan's Pawtucket Orchestra

6 ADDRESS

Very Reverend Thomas I. Gasson, S. J.,  
President of Boston College  
Introduction by Dr. James B. O'Connor

7 GIRLS' GLEE CLUB

- (a) Chorus of Angels, from "Eli" Sir Michael Costa  
(b) Lift Thine Eyes, from "Elijah" Mendelssohn  
First Sopranos: Misses Lagasse, '12; Hickey, '12; Shea,  
'12; Donahoe, '12  
Second Sopranos: Misses Richardson, '13; Badger, '12;  
Weinbeck, '12  
First Altos: Misses McDermott, '12; Conley, '12;  
Green, '12.  
Second Altos: Misses Thompson, '12; Egan, '12;  
Lew, '12.

8 PRESENTATION OF CLASS GIFT

Loring Russell Kew

ACCEPTANCE,

Mr. John C. Farrington,  
President of School Board

9 PRESENTATION OF LOWELL HISTORICAL SOCIETY PRIZES

For Best Historical Essays on the following subject:  
"Lowell in the Civil War"

First Prize: \$10 in gold: Gladys Storm

Second Prize: \$5 in gold: Stanley Worth

Presented by Dr. Moses Greeley Parker

- 10 CHORUS, Soldiers' Chorus, from "Faust" Gounod

11 PRESENTATION OF CARNEY MEDALS

Honorable mention of those who have attained a  
scholarship rank of 90 per cent

Mr. Arthur K. Whitcomb, Superintendent of Schools

- 12 SOLO The Sword of Ferrara Bullard  
Horatius Bonar Leggat
- 13 GIRLS' GLEE CLUB  
(a) The Woodpecker  
(b) The Last Rose of Summer
- 14 VALEDICTORY The Greater the Service, the Greater  
the Man  
William Warren Noonan
- 15 BOYS' GLEE CLUB  
(a) Mrs. Cosy's Boarding House J. C. Macy  
(b) The Wise Old Owl
- 16 PRESENTATION OF DIPLOMAS  
His Honor, the Mayor, James E. O'Donnell
- 17 CLASS ODE Air "Auld Lang Syne"  
Words by Bertha Elzade Chapman  
The time has come when we must go  
From the school we hold so dear;  
Both pain and happiness we know,  
Now the parting day is here.  
  
For well we know that days to come,  
Whate'er of joys they bring,  
Will ne'er be like those that have gone  
On light and happy wing.  
  
Our lives have been surrounded here  
With watchful, loving care;  
With kind and faithful teachers near,  
Our burdens few to share.  
  
Such friendships, too, as now abound,  
The love of class-mates dear,  
In after life will not be found,  
To help us loads to bear.

No wonder, then, our hearts are sad  
To leave these friends so dear,  
Whose loving hearts and friendly ways  
Have made us happy here.

But happiness on sadness dawns,  
On this great day of ours,  
For, though the roses have their thorns,  
The thorns, in turn, have flowers.

We always have been taught to feel  
That, if the race we'd run  
And finish with an earnest zeal,  
The reward was sure to come.

So, now that this small vict'ry's won,  
If we have done our best,  
We'll face our lives with courage strong  
And leave with God the rest.

18 FINALE Holy Cross Commandery  
Sheehan's Pawtucket Orchestra  
Emil J. Borjes, Director

Bagley

## GRADUATES

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### Five Years' Course

Bush, Gertrude Ellen	Emerson, Mildred
Davis, Myrtle Adela	Estes, Dorothy
Field, Winthrop Brooks	Dodge, Harold French
Gardner, Kenneth Alexander	Jones, Charles Everett

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### Four Years' Course

Bennett, Rose Edith Frances	Dillon, Mary Louise
Boyle, Martina Lucille	Donohoe, Marghretta Agnes
Braley, Anna Eliza	Draper, Etta May
Brooks, Helen	Durkin, Lilla Veracunda
Bull, Leila Sawyer	Flynn, Nettie Mary
Burrows, Gertrude May	Frawley, Jennie Teresa
Caddell, Mary Elizabeth	Greene, Lillian
Callahan, Ella Rose	Greene, Susie Mae
Caster, Ida Mathilda	Grimard, Helen Marie
Chapman, Bertha Elzade	Gruber, Winifred Helen
Chase, Susan Emma	Harris, Martha Haynes
Choate, Irene Estelle	Harrison, Mary Florence
Conley, Luella May	Hickey, Helen Elizabeth
Concannon, Mary Frances	Humphrey, Dorothy
Cullinan, Rose Frances	Johnston, Jane Thecla
Cummings, Gladys Mary	Kenney, Catherine Veracunda
Daggett, Mildred Maude	Keyes, Annabelle Veronica
Kivlan, Martha Louise	Rowell, Bessie Eva
Lagasse, Bertha Dorothy	Shay, Clara Maybelle
Lew, Teresa Garland	Shea, Mary Beatrice
Libby, Blanche Josephine	Sheehan, Alice Agnes
Lewitzky, Anna Dora	Sherburne, Ada Louise
Lougee, Leona Lois	Simpson, Marion
Lowney, Louise Viola	Spaulding, Nellie Edna
Lynch, Helen Louise	Stewart, Anna Elizabeth



Mack, Alice Helen	Storm, Gladys
Mevis, Gladys Winifred	Streeter, Beryl Vera
Morrison, Fannie Tolmie	Sturtevant, Mildred Anna
Mullaney, Anna Marie	Sullivan, Grace Louise
McCarthy, Helen Grace	Sunbury, Gladys Ruth
McDermott, Teresa	Swann, Marion Alice
McDonald, Hazel Agatha	Thistle, Anna May
McLoon, Alice Angie	Thompson, Margaret Adelia
McMaster, Marion Ella	Thumm, Emma Carolina
McQuesten, Alberta Mead	Trombly, Beatrice Viola
Nelson, Bertha Holbrook	Walker, Flora Henrietta
O'Donnell, Marie Josephine C.	Walsh, Irene
O'Donnell, Katherine Mary	Wehinger, Viola May
O'Neil, Mary Teresa	Weinbeck, Gertrude
Peard, Mary Osman	Weinbeck, Hazel
Phelps, Marion Frances	Wiggin, Emily Nutting
Polk, Edith Prudence	Wiggin, Ethel Harriett
Richards, Esther Josephine W.	Wilson, Natalie
Woodworth, Elizabeth	
Barrett, William Francis	Clark, Dana Edward
Bennett, Horace Ralph	Cressy, Fred
Black, John Edward	Desmond, Cornelius Francis
Brennan, Harry Patrick	Dick, Wong
Caldwell, Harold Nute	Dow, Paul Elliott
Callahan, Frank Wesley	Dows, Harold Winthrop
Dragon, Wilmer Albert	Lareau, Henry Charles
Echmal, John Gregory	Lunan, Karl Sheppard
Edgar, Herbert Holdsworth	Markham, James Edward
Erdis, Robert MacDougall	Markham, John Francis
Fisher, Austin Lowell	Mellen, Earl Rufus
Fletcher, Ralph Andrew	Noonan, William Warren
Greene, Louis Abe	Perlman, Samuel
Grover, Luther Prescott	Phelps, George Arthur
Haggerty, George Francis	Quill, Percival James
Harris, Ira	Redding, William
Harrington, James Place	Richardson, Wilbur Sylvester



Hartford, Christopher Wells	Safford, Laurance Frye
Hillier, Charles Henry	Safford, Wallace Francis
Howarth, Charles Lincoln	Sherburne, Maxwell Gardner
Hunnewell, Myron Theodore	Silk, Percy Bysshe Shelley
Kerrigan, Arthur John	Sokolsky, Henry
Kew, Loring Russell	Stearns, Edmund
Keyes, Paul	Sylvester, Harry Lysle
Kirby, Donald Taylor	Trubey, Clarence Arthur
Knapp, Oliver Linwood	Wells, Roy Frederic
Worth, Stanley	

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### Three Years' Course

Alexander, Grace Marie Jeanne	Gardner, Clara Dorothy
Anderson, Cora Evelyn	Gagne, Blanche May
Badger, Helen Marguerite	Gulline, Florence
Byrne, Lillian Laurie	Hansen, Marguerite Hazel
Clough, Alice	Hunter, Florence Jessie
Cummings, Helen Dorothy	Irvine, Frances Rose
Cryan, Mary Elizabeth	Kelley, Alice Elizabeth
Cusick, May Agnes	King, Mary Ellen Alicia
Delaronde, Beatrice Angelina	Laporte, Aldia Marie
Ducharme, Robea Elizabeth	Lavigueur, Yvonne Katherine
Lyons, Florence Elizabeth	Smith, Ruby Gertrude
McPhadden, Alice Cecilia	Somers, Hyacinth Gertrude
Noonan, Veronica Mary Patricia	Snyder, Carrie Cornelia
Ort, Emmaline Katherine	Staples, Bernice Lillian
Palmer, Viva Althea	Spencer, Helen Florence
Quinn, Theresa Estelle	Taber, Alice Naomi
Read, Lillian	Wentworth, Edna May
Riley, Alice Margaret	Welch, Mary Rose
Riley, Helen Frances	White, Irene Bertha
Rowe, Annie Hulme	Whelan, Mary Evangeline

Brunelle, Lucien Rodrique	Higgins, Francis Charles
Cawley, James Howard	Johnson, Alger Goddard
Cogswell, Russell James	Kerwin, Arthur Daniel
Costello, Ralph Ellsworth	Leggat, Horatius Bonar
Dean, Eugene Francis	Leighton, Walter French, Jr.
Enwright, Harry Aloysius	Leland, Harold Leander
Egan, Francis Aloysius	McCarthy, Henry James
Everett, Kenneth Charles	McElroy, Robert Grant
Fletcher, Harry Clark	McKinnon, Donald Cuyler
Frost, Charles Waller	Mollahan, Joseph Patrick
Gallagher, James Joseph	O'Neil, Walter Edward
Garneau, Arthur E.	Rostler, Sigmund Eli
Gionet, Arthur Wilfred	Sherman, Alden Wool
Goodell, Josiah Butler	Sherman, Roger
Harvey, Wendell Phillips	Smith, Rothwell Everett
Hazeltine, Guy Edgar	Taber, Thomas Reed
Heller, William Charles	Torpey, Henry Kane William
Willett, Raymond Archibald	

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### Carney Medal Scholars

Teresa Garland Lew	William Warren Noonan
Ada Louise Sherburne	Percival James Quill
Robea Elizabeth Ducharme	Maxwell Gardner Sherburne

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### Honorable Mention for Scholarship

Marion Martin, Class of 1911

Gertrude Ellen Bush	Kenneth Alexander Gardner
Dorothy Estes	Alice Naomi Taber
Harold French Dodge	Margaret Adelia Thompson
Henry Sokolsky	Charles Everett Jones

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### Honorable Mention for Attendance

Florence Gulline	Viva Althea Palmer
Teresa Garland Lew	Irene Walsh
Veronica Mary Patricia Noonan	Karl Lunan

## INDUSTRIAL SCHOOL

There is no question today which is receiving more and sharper attention in the school world than that of industrial education or vocational training. It is the belief today of educators and of thoughtful men and women generally that the schools must perform a great and specific work in training boys and girls for useful and profitable occupations. The State has taken the matter up actively and as a result the industrial school movement is well under way.

The Lowell Industrial School was opened in September, 1911, with a membership of 159—106 boys and 53 girls.

At the beginning of the school year in 1912, 68 boys and 29 girls returned for a second year of advanced work, and 90 boys and 68 girls entered the school as new pupils.

Nine men and six women are employed as teachers at the present time and the various departments are reasonably well equipped for thorough and efficient training. The Old Bartlett school, and portions of the Morrill and Mann schools are employed in the work; but the time has come or is rapidly approaching when it will be necessary to provide a building which will satisfy properly the needs of this new and growing department of school work.

It might be wise to say once more that the State has offered to reimburse Cities for one-half the maintenance expense of vocational schools, "so long as they are approved by the Board of Education as to organization, control, location, equipment, courses of study, qualification of teachers, methods of instruction, conditions of admission, employment of pupils, and expenditures of money."

It is, then, needless to add that although the school committee of the City of Lowell have the direct control and

management of the school, have the right to elect teachers and prescribe courses of study, the school must be so managed as to efficiency and the character of its work as to receive the approval of the State's agents; if the school, by reason of unsatisfactory results or the incapacity of its teachers, should fail to receive this approval the city will lose one-half the expense of maintaining the school.

On account of the newness of the school it might not be amiss to reprint in this report much that was set forth in the circular which was published at the time of the opening of the school.

### **LOWELL INDUSTRIAL SCHOOL FOR BOYS.**

This school will give preliminary training for boys in the following trades: Carpenter, architectural draftsman, cabinet maker, machinist, mechanical draftsman, electrician, engineer, automobile repairer.

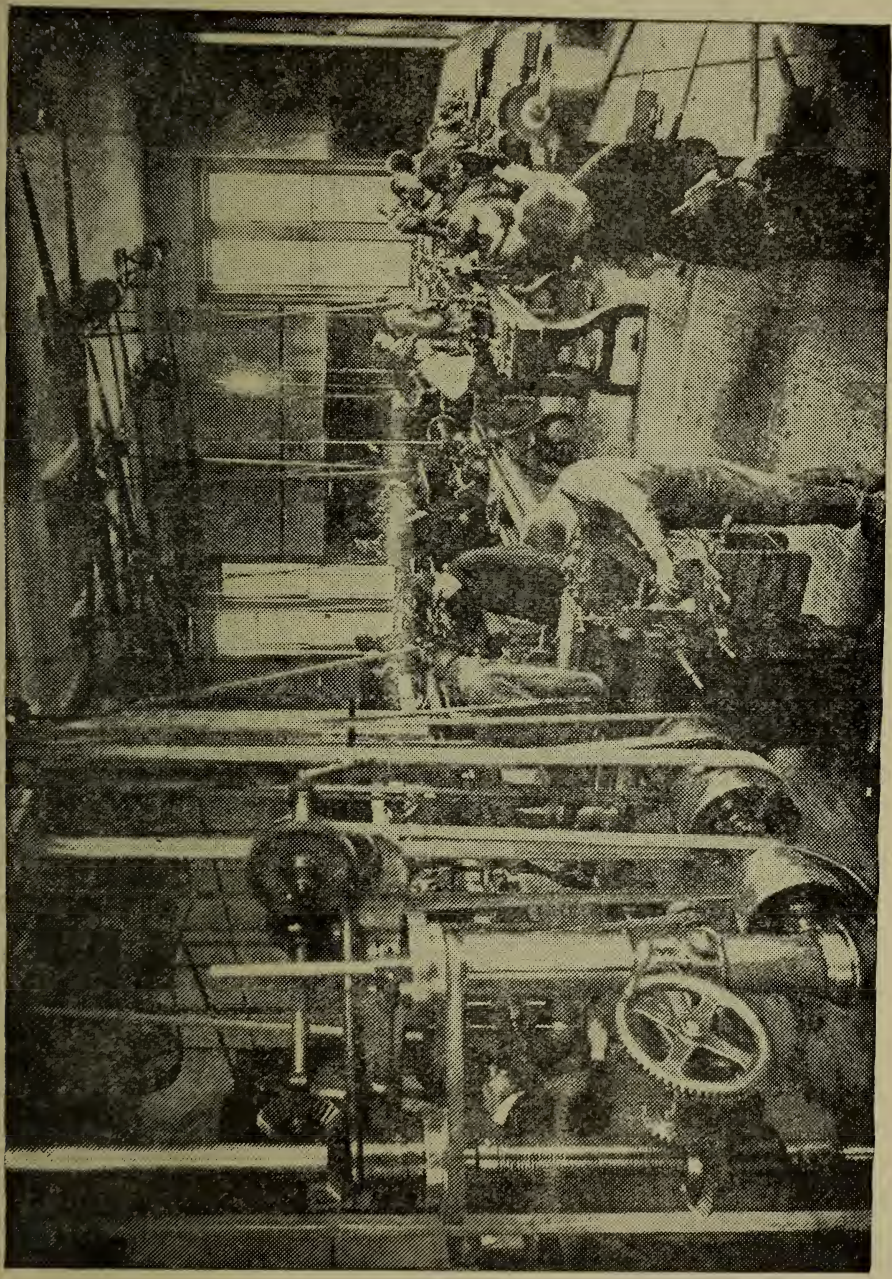
**Carpenter.**—The course providing training for the trade of carpenter will consist of shop practice and science, study of building materials, architectural drawing, mathematics, English and civics.

**Architectural Drawing.**—This course differs from the carpenters' course in having much of the shop work replaced by work in the drafting room, on building construction.

**Cabinet Making.**—This course differs from the carpenters' in having more time devoted to office furniture, etc., than to the building trade work.

**Machinist.**—This course, in addition to English and civics, includes machine shop work, with related mathematics, study of materials, drawing, and some work in steam and electricity. The shop work will consist of practice in the usual operations common to machine shop work.





MACHINE SHOP CLASS

**Mechanical Draftsman.**—The mechanical draftsman course will be similar to the machinists' course with much less shop work and more practice in the drawing room on machine shop work.

**Electrician.**—This course will deal with practical and theoretical electricity, and will include electric wiring, building motors, winding armatures, testing and repairing circuits, and practical experience in the electric power station, etc. In addition there will be special mathematics applied to electrical work, and English and civics will be taught.

**Engineer.**—This course deals with the theory and practice of steam work. It includes in addition English and civics, some machine shop practice, and mathematics.

**Automobile Repairing.**—The automobile repairing course will consist of work similar to that of the machinists' course, with special shop work on the automobile and the study of its operations. Machines are brought to the school, overhauled, repaired and put in running order by the students.

**English.**—The aim of teaching English in this school is to train the boy to speak and write the language with clearness, accuracy and conciseness, especially in relation to the affairs of everyday life. The material used for practice in this work will be taken from the experiences of the pupil in the shops, and in their out-of-school life. A portion of the work will deal with the proper use of technical terms, descriptions of machines, apparatus, etc., and in the later portions of the course pupils will be required to visit various mechanical plants, of which to make a written description, and to report other events which may be of interest. Special effort will be made to cultivate the reading of good books.



**Industrial History, Civics and Citizenship.**—A brief review of the past from the standpoint of the relation of the industrial producer to the general community, together with some detailed study of the development of the mechanical and industrial arts as civilization has progressed.

The civics will deal, in general, with the study of the rights and obligations of a citizen under our form of government.

The courses of study are planned with the following conditions in mind: That while the school will offer a three years' course in the useful arts, it recognizes the fact that many children cannot afford to give much time to education beyond fourteen years of age. Hence the work is planned so that the work of each year is, so far as it goes, complete in itself; that nothing is taught on the theory that it will be of value at some later period in the course, and so that at whatever time the pupil leaves the school he will have had, up to that time, the best preparation which the school can give.

The teachers are all experts in their respective lines. The trades are taught by experienced mechanics, and the atmosphere of the school is more "shoppish" than bookish."

**Equipment.**—The school has an excellent up-to-date equipment in all departments.

No boy will be admitted unless his record shows him to be of good character and that he sincerely desires a practical education. It is expected that when a boy enters the Industrial school he enters with a firm purpose to devote his best efforts to his work, and no boy will be tolerated who does not show inclination to do what is right.

## LOWELL INDUSTRIAL SCHOOL FOR GIRLS.

This school is organized for the training of girls for life activities and duties; to give them a training in the branches of knowledge and the trades that are most useful in gaining a livelihood. To meet these requirements, the Industrial school offers courses in housekeeping, dressmaking and power machine work.

**Housekeeping Course.**—The housekeeping course includes everything that makes and keeps a house in good condition to live in, and to get a hundred cents' worth out of every dollar spent for food and clothes. It will include English, history, civics, home arithmetic, cooking, hygiene, dressmaking, laundry work and care of furniture.

**Dressmaking Course.**—This course is planned to fit a girl for the dressmaking trade and is similar to the Housekeeping Course, only that more time is devoted to dressmaking and it is more of a commercial character. In addition, design and color, salesmanship and textiles will be taught, preparing the girl for the sales' department of a dry goods store.

**Power Work Course.**—This is similar to the Dressmaking Course, only that considerable time is devoted to practice on a power machine.

**Arithmetic in relation to:** I. Dressmaking—Millinery. II. Personal expenditure. III. Household. IV. Business.

**English.**—1. Correction and improvement of everyday speech. II. Personal and business correspondence. III. Cultivation of a taste for reading. IV. Use of typewriter.

**Civics and History.**—Study of local history and government. Study of history applied to the needs of the pupils.

**Textiles.**—Study of Fabrics: I. Name.\* II. Cost. III. Durability. IV. Uses.



**Design.**—Art as applied to a woman's clothing: I. Color. II. Line. III. Fabric. IV. Appropriateness.

**Home Furnishing.**—Selection of furniture in relation to: I. Beauty. II. Economy. III. Suitability.

**Cooking.**—Economy and management of the kitchen. I. Plain cooking. II. Food values. III. Simple menus. IV. Serving.

Conditions of admission to either of these schools are simply residence in Massachusetts and an age of fourteen or more years. For pupils not living in Lowell a tuition charge of \$100 is made against the town in which the pupil resides, but the schools are absolutely free of expense to the student in any case. Of the amount charged to towns one-half is paid by the State.

All the courses of the boys' school are planned for three years, two sessions a day, five days a week. The girls' courses are two years in length, sessions from 8.30 a. m. to 2.30 p. m. three days a week, and from 8.30 a. m. to 1.30 p. m., two days a week. These two afternoons are shortened so that the girls may use at home the things which they have acquired and may receive visits from their teachers.

Following is a list of some of the more important machines, tools and other items of equipment of the day schools to date:

**Machine Shop Department.**—Eleven engine lathes, four speed lathes, one small planer, one large planer, two small shapers, one plain milling machine, one universal milling machine, one large upright drill press, two medium upright drill presses, one multiple drill press, two power hacksaws, one belt lacing machine, set of large scales, one wet grinder, one

emery wheel stand, twenty-three vises, seven forges, six anvils, one annealing gas furnace, one gas drop forge, and one blower. Miscellaneous machine tools for a class of thirty-five.

**Drawing Room Equipment.**—Equipment for class of seventy-two, including tables, paper, instruments and equipment for blue-printing.

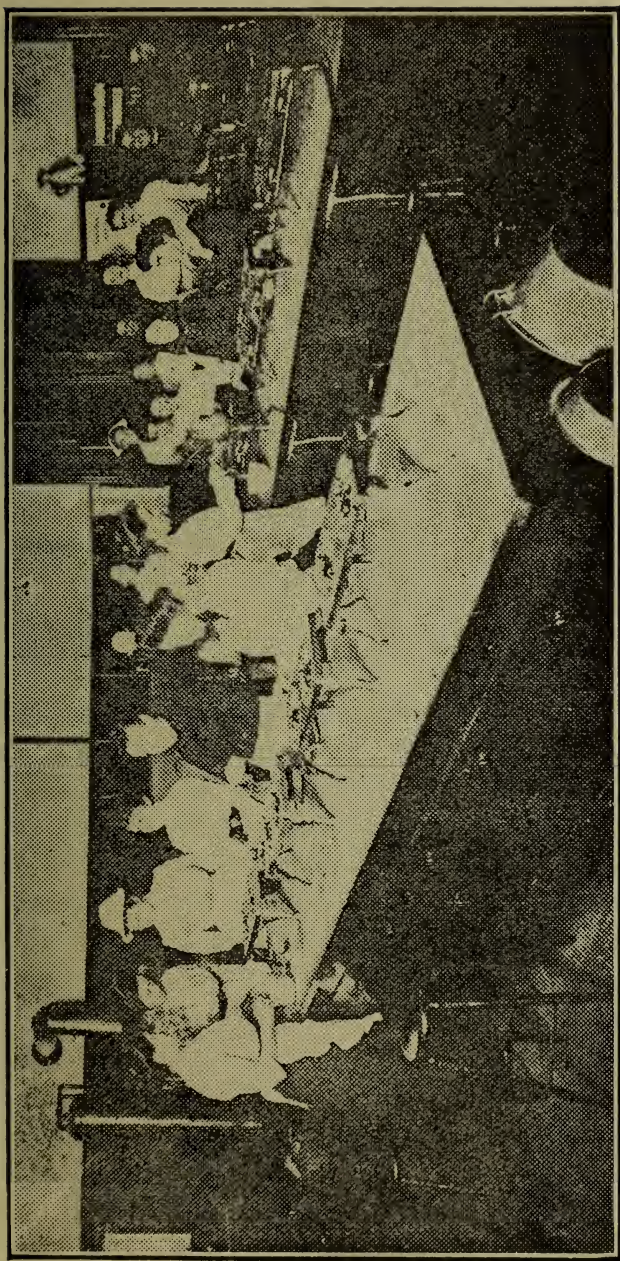
**Wood Working Department.**—One small planer, one combination saw table, one band saw, five pattern maker's lathes, one grindstone, full equipment of saws, vises, and tools for forty boys.

**Electrical Department.**—A motor, generator set, plumbing outfit for soldering, and other power attachments.

**Automobile and Steam Department.**—An automobile for demonstration and repair work, magneto, and all the parts that make up an automobile. Horizontal boiler, vertical boiler, pumps of all kinds, and boiler parts.

**Housekeeping.**—A large coal range with gas stove attachments, one coal range, gas stove, large ice chest, soapstone sink, tables, and kitchen supplies for fifty girls.

**Dressmaking Department.**—Cutting tables, fitting room with mirrors, forms of different kinds, foot-power and high-speed machines. Individual equipment for twenty girls, including scissors.



COOKING CLASS—EVENING SCHOOL

## VOCATIONAL EVENING SCHOOLS

Early in October evening classes were organized in all the courses of the day schools. To secure State approval vocational evening schools must restrict their privileges to those persons who are more than seventeen years of age and who are employed during the day at work to which their evening instruction will relate. In other words, such schools are for the purpose of rendering industrial workers more efficient in trades in which they are already employed and they are not at all intended to teach trades to the unemployed or the unskilled.

Of boys, those who could be accepted numbered 160, and of girls there were 800. The latter were divided into five divisions, and each was given one lesson a week. The boys, being less numerous, were given two lessons a week. The day teachers serve two evenings a week, and their teaching has been supplemented by the employment of eleven more men and fifteen more women for evening teaching, making a total of 20 men and 21 women. Great interest has been shown by all the classes, and the attendance has been excellent.

In addition to the foregoing one evening class has been formed which has no counterpart in the day schools. In response to a petition of the master plumbers of the city a course in plumbing was opened for their apprentices. An average class of fifteen has been maintained during the year.

## TEXTILE EVENING SCHOOL

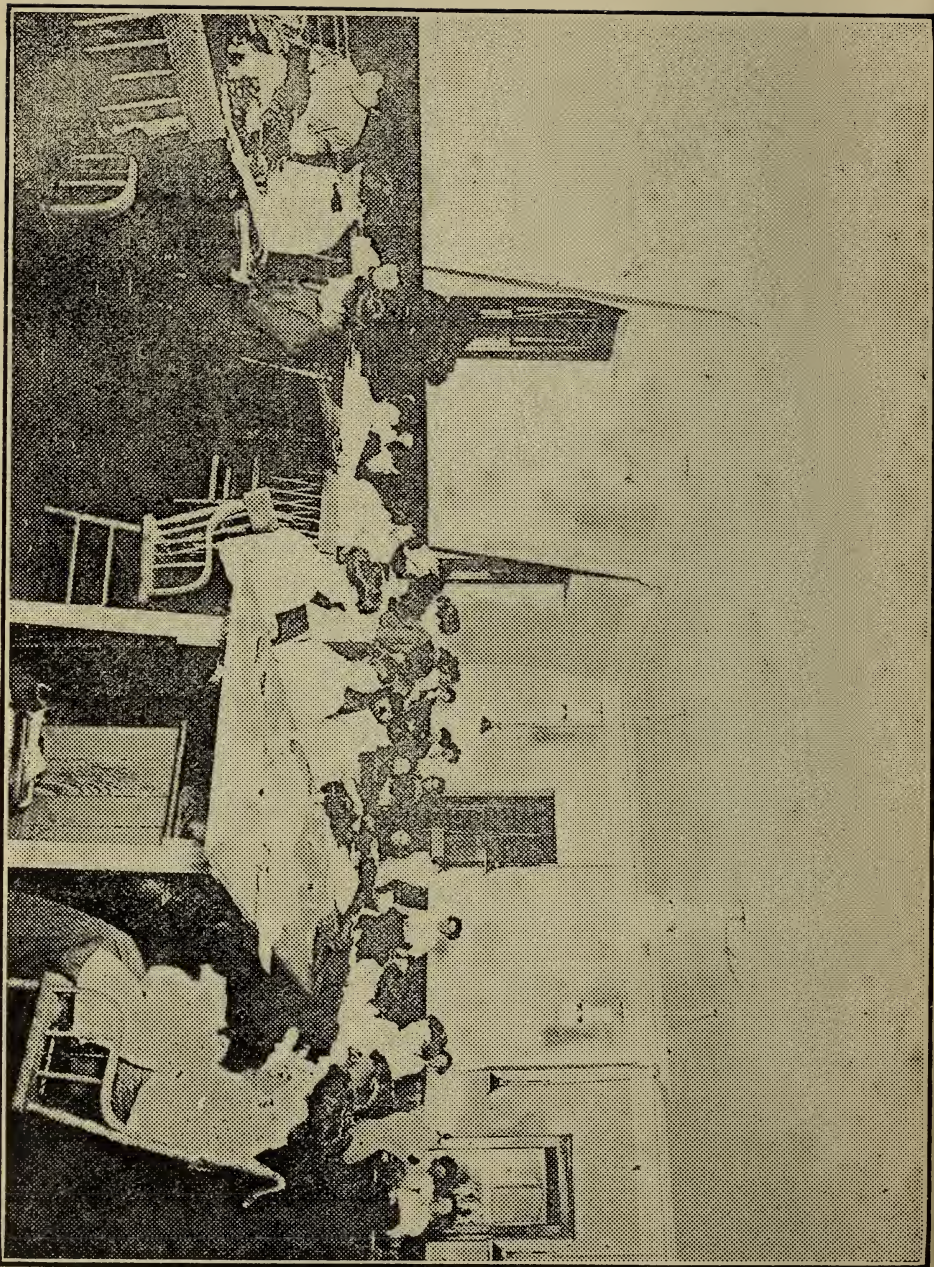
The city of Lowell is fortunate in having a Textile School so good as to have no equal in this, or any other, country. On this account there seemed to be no occasion to offer industrial courses, either day or evening, in textile branches, and none



were planned when the schools opened in September. Later however, there came a very insistent demand from mill men for evening courses in textiles. It was held that the textile industry is the largest in Lowell, and that if schools are to be opened to add to the efficiency of any workers, then those in textiles should receive first rather than second consideration. The teaching asked for in a new school was of a kind too elementary to be undertaken by the chartered school, so that there would be no competition or division of interest between the two. As an earnest of their desire to co-operate, the mills offered to furnish and install all needed machinery if the city would provide a house for it and teachers for evening classes. The offer was accepted, the old Moody school building was opened; the mill men kept their word royally as to equipment; five teachers were engaged by the school committee, and evening classes were opened Dec. 4 as follows: Cotton Spinning; Elementary Weaving and Loomfixing for French operatives; Picker and Card Room Practice; Weaving and Loomfixing for Greeks; Weaving and Loomfixing for Portuguese; Mill Arithmetic. Attendance in each class has been as large as can well be taught by one man, 25 to 45, and the work seems to meet a real need. The equipment is excellent, its value amounting to about \$20,000.

Following is a list of some of the more important machines already in place:

One Kitson combination breaker and finisher picker, one set grinding rolls, one Lowell 40in. (1911) Cotton card, one Lowell Railway head, one Saco and Pettee Railway head, one Woonsocket Machine Shop Drawing frame, one Whiting comber—including comber, sliver lap and ribbon lap machines, one Woonsocket Machine Shop Slubber frame, one Woon-



DRESSMAKING CLASS- EVENING SCHOOL



socket Machine Shop Intermediate frame, one Woonsocket Machine Shop roving frame, one Fales & Jencks Spinning frame, one Fales & Jencks Twisting machine, wet and dry, one Spinning mule, one Easton and Burnham Spooler, one Saco & Pettee reel, one Universal Winding Machine Winder for cones, tubes winding, one Entwistle warper, one Mason plain loom, one Lowell plain loom, one Crompton-Knowles Up-to-date Magazine loom, two Crompton-Knowles Gingham looms, three motors, pulleys, shafting, etc. Miscellaneous machines, such as one Barlow knotter, one yarn reel one twist counter, etc.

### MEDICAL SUPERVISION

Medical supervision of the schools was made compulsory by the State by the Acts of 1906, Chapter 502, and in March 1909, nine physicians were elected by the school committee as school physicians, to each of whom a district was assigned. The inspection of the schools by these physicians is a very important work, and when one considers how far-reaching is the effect on the general health of the community of precautionary and preventive measures among the school children it is easy and proper to assume that the value of the work of the school physician cannot be readily estimated.

The names of the physicians and of the schools in charge of each follow:

**Dr E. O. Tabor:** Lincoln, Laura Lee, Howard St., Eliot.

**Dr. W. G. Eaton:** Highland, Washington, Powell St., Dover St., Pine St., Middlesex Village.

**Dr. A. R. Gardner:** Pawtucket, Greenhalge, Lakeview Ave., New Moody St., Lexington Ave.

**Dr. Geo. Lavallee:** Varnum, Billings St., West Sixth St., Tenth St.



Dr. J. J. Cassidy: Green, Charles St., Worthen St., Kirk St., Cabot St., Cottage St., and Industrial for Boys.

Dr. C. M. Roughan: Moody, Pond and High St., Sycamore St., Riverside, Agawam St.

Dr. J. F. Boyle: Butler, Lyon St., Carter St., Weed St., London St.

Dr. M. J. Long: Colburn Gr. and Pri., Ames St., Edson, Central St.

Dr. J. A. Mehan: Bartlett, Franklin, Morrill, Cross St., Industrial for Girls.

Rules of the school committee governing the work of school physicians were printed in the school report of 1909.

The work of the school physicians is supplemented to a very important and valuable extent by that of the school visitor, Miss French, who devotes her time to the inspection of children in the schools, to administering or securing treatment for children who need it and to visiting their homes and advising and consulting with their parents.

### SIGHT AND HEARING TESTS.

During each school year the sight and hearing of the pupils are tested by the teachers in accordance with rules which have been prepared by the State Board of Education.

The results of the examinations which were conducted during the fall term of 1912, are summarized in the following table:

	Pupils Examined	Defective in Seeing	Per Cent. Defective	Defective in Hearing	Per Cent. Defective	Parents Notified
Primary Schools	4144	370	8.9	65	1.5	267
Grammar Schools	4747	551	11.6	92	1.9	464
High School	1292	24	1.8	13	1	37
Totals,	10,183	945	9.2	170	1.6	768

## SCHOOL SAVINGS BANKS

School savings banks were in operation at the close of the year in twenty-three of the elementary schools of the City. Aside from the fact that the sums on deposit to the credit of the various schools make a very considerable total, the effort on the part of the schools to inculcate a proper regard for thrift and the habit of saving is worthy of important consideration in any general plan for the training of children.

The table which follows gives the most suggestive data concerning school savings:

Schools	Deposits Dec. 31, 1911.	Deposits Dec. 31, 1912.
Washington .....	\$195.88	\$502.13
Howard St. Primary .....	84.42	229.66
High St. Primary .....	19.38	78.94
Highland .....	2,497.41	3,679.53
London St. Primary .....	63.94	158.17
Pawtucket .....	882.67	1,261.36
Laura E. Lee Primary .....	265.70	518.00
Green .....	1,050.30	1,954.17
Varnum .....	4,491.65	5,308.77
Lincoln .....	1,331.68	2,292.69
Butler .....	878.69	1,678.11
Bartlett .....	783.90	1,999.63
Franklin Primary .....	32.85	168.45
Edson .....	1,373.65	1,971.86
Moody .....	2,022.57	2,806.57
Dover St. Primary .....		15.91
Eliot Primary .....		68.20
Middlesex Village .....		59.00
Sycamore St. Primary ....	52.18	189.98
Tenth St. Primary .....	640.79	970.41
Colburn .....	471.36	589.72
Greenhalge .....	1,868.85	2,246.35
Riverside .....	486.21	739.87

The accounts of the Colburn, Greenhalge and Riverside Schools are carried by the Lowell Five Cent Savings Bank, and the accounts of all other schools are carried by the Central Savings Bank.

## EVENING SCHOOLS

Two classes of pupils are to be considered in connection with the question of evening schools, those who are compelled by law to attend school in order to remove conditions of illiteracy, and those who of their own accord wish to obtain further educational advantages.

It is not unlikely that the number of those who are compelled to attend evening school will decrease constantly in succeeding years; with respect to the others, those who attend voluntarily, it may be said that they do not attend in as large numbers as might reasonably be expected; and this lack of interest has been observed in cities where especial efforts have been made to interest them.

In a busy industrial centre many boys and girls are obliged to become wage earners at an early age, and it is unquestionably true that there is an enormous loss of value in these boys and girls owing to the fact that their school life has been unreasonably shortened.

Every reasonable means should be applied and every possible effort should be made to extend the education of boys and girls who have progressed sufficiently far in the day schools to place them outside the field of compulsory evening school attendance. It should need no argument to prove that pupils who are willing to attend evening school after the wear and tear of the day's labor should have the very best in an educational way that the city can afford. A city that is unwilling to have any but the best qualified teachers to instruct children in the day schools, where conditions generally are at their best, should demand at least as high qualifications in the teachers who are to instruct pupils under conditions which are largely unfavorable. Until the city has tried out the problem of the

evening elementary school under the very best possible conditions as to instructors, supervision, general equipment, and surroundings it cannot be said truthfully that the fullest use has been made of its opportunities along this line.

Evening schools must have it in them to attract and hold the youth of the city, and the impression should prevail generally that the methods, the teaching, and the work exacted in the evening schools are of as high grade as in the day schools.

The graduation exercises of the Evening High School were held March 19, 1912, in Associate Hall; there were 76 graduates.

Peter Joseph McKone, president of the class, presented a class picture, "The Horse Fair," and the acceptance was by Mr. Charles T. McKenzie, Chairman of the Committee on Evening Schools.

The address of the evening was by Hon. David I. Walsh, and the diplomas were presented by Hon. James E. O'Donnell, Mayor of the City.

Statistics of the evening schools, and the names of the high school graduates follow.

# SUMMARY OF EVENING SCHOOL ATTENDANCE

## For Term 1911-1912.

SCHOOLS	Number of Rooms in each School Teachers at beginning of Term Teachers at close of Term			WHOLE NUMBER ON TIME BOOKS			AVERAGE NUMBER BELONGING			AVERAGE ATTENDANCE			Per cent. of Attendance	Graduates	Minors unable to read and write
				Males	Females	Total	Males	Females	Total	Males	Females	Total			
High .....	26	28	26	542	424	966	248	208	456	228	184	412	82		
Butler .....	6	6	5	80	56	136	61	38	99	40	28	68	70	19	2
Colburn .....	6	7	8	109	68	177	100	50	150	80	40	120	80	15	51
Cabot St .....	2	4	6		92	92		84	84		73	73	79		92
Edson .....	6	9	7	145	57	202	90	42	132	72	34	106	80	12	31
Franklin .....	5	6	5	167	23	190	59	18	77	49	12	61	68		
Green—Girls' ...	4	6	8		221	221		138	138		127	127	92	7	125
Green—Boys' ...	4	8	5	190		190	73		73	64		64	87	1	88
Greenhalge .....	4	7	6	150	78	228	71	36	107	54	31	85	79	13	37
Howard St.....	1	2	1	64		64	22		22	14		14	64		40
Mann .....	8	16	16	342		342	262		262	220		220	84		56
Old Moody .....	4	4	4	57	59	116	39	51	90	20	41	71	78	1	101
Riverside .....	2	3	3	62	18	80	45	13	58	32	8	40	69	2	2
Worthen St.....	4	8	7	218		218	118		118	98		98	83		39
Totals .....	82	114	107	2126	1096	3222	1188	678	1866	981	578	1559	83	70	664

## EVENING HIGH SCHOOL GRADUATES, 1912

## Regular Course

Adams, Edward Newton	Barry, Laurette Caroline
Bowen, James Joseph	Basnett, Emma Ellen
Burke, John Joseph	Farrell, Margaret Mary
Cohen, Hymen	Farrell, Catherine Veronica
Fitzgerald William Henry	Gilchrist, Catherine
Gourke, Thomas Aloysius	Gill, Jennie Veracunda
Hart, James Patrick	Gillespie, Jeannette Wylie
Hession, Stephen Christopher	Graffam, Mabelle Esther
Higgins, Thomas A. M.	Hall, Gertrude Marie
Kilroy, James Francis	Hurley, Elizabeth Mary
Lambert, Louis Edgar	Jones, Annie Louise Frances
Lane, William Francis	Kazanjian, Mary Elizabeth
Machon, Philip Winter	Kelly, Kathryn Lillian
Mahoney, John Francis	Le Bel, Valeda Mary
Maxwell, Joseph Henry	Moore, Helen Catherine
Meagher, John Joseph	McCarron, Anna Elizabeth
Michaud, Joseph Edward	McDermott, Agnes Mary
McCabe, Charles Francis	O'Connor, Estelle Gertrude
McKone, Peter Joseph	Reagan
McNulty, Francis Joseph	Owens, Harriet Clair
McQueen, Hugh	Quinn, Winnifred Veracunda
O'Neil, Paul William	Rochford, Helen Frances
Ortel, Charles	Steinberg, Ida Esther
Owens, Daniel Joseph	Sweeney, Helen Winifred
Patrick, John Aloysius	Toohey, Loretta Frances
Reynolds, James Joseph	Tweed, Alice Winifred
Ruckledge, Thomas Raymond	Whalen, Margaret Mary
Ryan, Matthew Anthony	Tivey, Harold Edward



Sexton, Thomas Patrick	Welsh, George
Shore, Raymond Zachariah	Wholey, Daniel Aloysius
Spillane, William Joseph	Wilde, Harold Jacob
Sweeney, Felix George	Willis, Percy Lorenzo
Yates, Edward Arthur	

### Bookkeeping Course

Condon, James Patrick	Cullen, Mary Cecilia
Hayes, William Joseph	Lamb, Catherine Aloysia
Soule, Grace Mildred	

### Stenography Course

Jones, Leo Lincoln	Caddell, Ruth McKay
McGarry, John Aloysius	Carroll, Mary Alice
Furey, Delia Treasa	Dunn, Anna Louise
Kennedy, Helen Catherine	

## EVENING DRAWING SCHOOL

Term of 1911-1912

CLASSES	ROOMS			WHOLE NUMBER ON TIME BOOKS			AVERAGE NUMBER BELONGING			AVERAGE ATTENDANCE			Percent of Attendance
	Teachers at opening of Term	Teachers at close of Term		Males	Females	Total	Males	Females	Total	Males	Females	Total	
Machine .....	2	6	4	67		67	56		56	50		50	90
Architectural	1	3	3	51		51	38		38	25		25	66
Free-Hand ....	4	9	7	86	120	206	63	89	152	54	67	121	79
Totals .....	7	18	14	204	120	324	157	89	246	129	67	196	79



## EVENING DRAWING SHOOOL GRADUATES 1912

**Machine Class**

Adolf Severin Anderson  
 William Henry Cronin  
 John Francis Cunningham  
 William Edward Donahue  
 Arthur William Erickson  
 Bert Fernley  
 Charles Walter Frost  
 Samuel Lewis Fish  
 Patrick Joseph Higgins  
 Parker Ferguson Murphy  
 Frederick Aloysius O'Brien  
 William Edward Porter  
 William Regan  
 George Hudson Sykes

**Free-Hand**

Reginald Edward Cox  
 Paul Augustine Quinlan  
 John MacAulay Brown  
 Angelos Christos Ziotopoulos  
 George Francis Haggerty

**Modelling**

Cornelius Joseph Sullivan

**Architectural Class**

Delphus Zephir Clevette  
 Joseph Wilber Hall  
 Elzear O. J. Laundry  
 Gleason Harvey McCullough  
 Elmer Robert Hill

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There has never been a time when the painstaking and thorough education of the young was a matter of greater moment than now. Every municipality is engaged in very important and necessary activities; the education of its youth is only one of these, but it is the most important one. Education imposes heavy burdens upon the community, but the failure to properly train and care for the youth is sure to impose much more grievous burdens later. It is the duty of a self respecting and ambitious generation to see to it that the generation which is to follow shall be better then the one which has gone before; the proper function of education is to bring about this result.

Respectfully submitted,

HUGH J. MOLLOY,

Superintendent of Schools.

## REPORT OF THE TRUANT COMMISSIONERS FOR THE YEAR 1912.

	Total number cases investigated	Absentees	Truants	Wandering about the streets	Visited second time	Visited third time	Violating the rules of school	Arrested	Sent to the Middlesex County Training School	Placed on Probation	Prosecution of Parents	Working certificate issued—(14 to 16 yrs. of age)	Working certificates approved—over 16 yrs. of age
January .....	266	247	19	36	29	9	0	1	1	0	0	102	75
February .....	248	214	34	40	33	6	0	4	1	3	0	88	38
March .....	311	285	26	36	40	4	0	1	0	1	0	126	26
April .....	277	225	52	56	28	4	0	1	1	0	0	132	101
May .....	313	268	45	26	39	5	0	2	1	1	0	157	67
June .....	11	120	31	39	14	1	0	2	2	0	0	144	76
July .....												464	320
August .....												190	160
September .....												143	185
October .....	392	288	104	34	40	11	0	7	6	1	0	174	248
November .....	317	275	42	51	43	14	0	5	5	0	0	134	167
December .....	193	171	22	29	14	2	0	0	0	0	0	116	143
	2468	2093	375	347	280	56	0	23	17	6	0	1070	1606

Scarlet Fever, 527.

Diphtheria, 59.

Measles, 210. Memb. Croup, 5.

Infantile paralysis, 4.

# Roll of Teachers

Giving Name, Subject or Grade Taught, Residence,  
Date of Election and Salary

## HIGH SCHOOL

Kirk and Anne Sts.

CYRUS W. IRISH, Headmaster, 308 Nesmith street .....	1885	\$3000
CARL D. BURTT, Submaster and Head of Department of Languages, Clark road .....	1895	2200
FREDERICK R. WOODWARD, 168 Sixth street, Head of the Department of Mathematics .....	1895	2000
MARY A. WEBSTER, First Assistant, 45 Varney street, English and Mathematics .....	1859	1000
SUSIE L. D. WATSON, 390 East Merrimack street, United States History and Mathematics .....	1885	1000
ADELAIDE BAKER, 136 Myrtle street, French	1885	1000
JENNIE L. ALLEN, 947 Middlesex street, Physics and Physiology .....	1885	1000
EMMA L. BRADLEY, 485 Westford street, French .....	1890	1000
GERTRUDE A. RODLIFF, Chelmsford, Mass., History and English .....	1890	1000
MARIETTA CASSIDY, 4 Fifth avenue, Latin and Algebra .....	1890	1000
GEORGIANA F. VINTON, 52 Fourth street, History, English and Algebra .....	1872	1000
GRACE M. GOODHUE, 120 School street, Ancient History and Latin .....	1893	900
BESSIE E. HUNTOON, 64 Warwick street, French and Physiology .....	1894	900
JOHN H. BURNS, 158 Smith street, Manual Training .....	1912	800
THOS. F. FISHER, 305 East Merrimack street, Manual Training .....	1898	1600

MARY G. STEVENS, 27 Nesmith street, English and History .....	1900	900
MARY H. KILLPARTRICK, 609 Stevens street, English and Commercial Geography .....	1901	900
MARGARET V. SPEAR, 576 Westford street, French and English .....	1902	900
ETHEL M. EVERETT, 12 Belmont street, English and History .....	1905	800
ELIZABETH H. MURPHY, 159 White street, French and English .....	1905	800
ALICE RICHARDSON, 213 Branch street, Algebra .....	1905	800
ALBERT D. MACK, 16 Rutland street, Shorthand .....	1906	1500
WM. W. DENNETT, 55 Eighteenth street, Chemistry and Physics .....	1906	1300
ERNEST M. HUNT, 314 Pine street, Bookkeeping .....	1907	1500
ALICE H. BACHELLER, 195 Nesmith street, English and Commercial Law .....	1906	800
LILLIAN E. EDGERLY, 27 Anne street, Bookkeeping .....	1909	800
RAYMOND W. SHERBURNE, Tyngsboro, Mass., Greek and Latin .....	1910	1000
GRACE D. DONOVAN, 256 Branch street, English .....	1908	800
JAMES A. SHANLEY, 364 Lawrence street, Bookkeeping .....	1910	1000
MARIE R. SULLIVAN, 105 Crawford street, Shorthand .....	1911	800
CHARLES E. SEEDE, 85 Dover street, Manual Training .....	1911	1000
FLORENCE R. FOOTE, 28 Wannalancit street, History and English .....	1910	800
MILLIE A. SEVERANCE, 302 Stevens street, Physics .....	1911	700
VIOLET STOCKS, 141 Parkview avenue, Geometry, Geology, and Astromony .....	1911	700

# ROLL OF TEACHERS

55

MARY L. MARTIN, 543 Gorham street, English and Latin .....	1912	650
FRANCES U. MASTERSON, 352 Christian street, History and English .....	1912	650
MABEL M. CASSIDY, 44 B street, English, French, and Algebra .....	1912	650
MARY C. JOYCE, 22 Twelfth street, Elocution, .....	1912	650
MARGARET A. TEAGUE, 180 Mammoth Rd. Physical Culture .....	1912	650
JOSEPH G. PYNE, 823 Central street, English, French, and Algebra .....	1912	800
LIEUT. THOMAS W. DOYLE, 204 Tenth street, Military Instructor .....	1912	200
WILLIAM M. COLLINS, M. D., 22 Central street, Medical Director .....	1912	200
ALICE QUEENIE MANCHESTER, 66 Willow street, Secretary .....	1912	500

## BARTLETT SCHOOL

Wannalancit Street

HERBERT D. BIXBY, Master, 19 Rutland street .....	1908	\$1700
BELLE A. PRESCOTT, gr. 9, 68 Mt. Washington street .....	1878	700
BLANCHE A. CHENEY, gr. 9, 383 Walker street .....	1896	700
FRANCES CLARK, gr. 8, Chelmsford, Mass. .....	1899	700
AMY L. TUCKE, gr. 8, 111 Butterfield street .....	1880	700
ALICE D. SUNBURY, gr. 7, 142 Wilder street .....	1899	700
KATHLEEN E. DRISCOLL, gr. 7, 47 Grace street .....	1911	650
BELLE F. BATCHELDER, gr. 6, 66 Arlington street .....	1883	700
SARA E. AMES, gr. 6, 418 Walker street .....	1902	700
MARIA W. ROBERTS, gr. 5, 571 Westford street .....	1875	700
KATHERINE F. FARLEY, gr. 5, 12 Robert street .....	1907	700

IVAH M. CONNELL, gr. 4, 660 School street	1910	650
A. GERTRUDE STILES, gr. 4, 72 Varney street	1895	700
LILLIAN E. ALISTER, 15 Stavelly street ....	1911	650

### Primary Department

BRIDGET K. SMITH, gr. 3, 117 Stackpole street .....	1904	\$ 650
BERTHA M. SHERBURNE, grs. 3 and 2, Tyngsboro, Mass. ....	1911	650
ELEANOR J. LELACHEUR, gr. 2, 130 Avon.. street .....	1910	650
ESSIE E. ROCHE, gr. 1, 1835 Middlesex street	1903	650
E. BELLE PERHAM, gr. 1, 90 Riverside street	1893	700

### MORRILL SCHOOL

#### Common and Adams Streets

ANNA M. COURTNEY, Prin., gr. 1, 196 Pawtucket street .....	1887	\$ 750
AGNES T. COURTNEY, gr. 3, 11 Marsh street	1891	700

### CROSS STREET SCHOOL

#### Cross Street between Fletcher and Mt. Vernon Streets

SARAH E. SCALES, Principal, gr. 3, 14 Porter street .....	1866	\$ 750
ELLEN M. WHITE, gr. 2, 1057 Middlesex street	1863	700
KATHERINE KELLY, gr. 1, 24 Columbus ave	1893	700

### BUTLER GRAMMAR SCHOOL

#### Gorham Street

CORNELIUS F. CALLAHAN, Master, 549 Westford street .....	1885	\$2000
NELLIE F. MURPHY, gr. 9, 85 Sherman street	1878	700
MARGUERITE J. CRONIN, gr. 9, 228 Plain street .....	1900	700
MARY E. LANE, gr. 8, Billerica, Mass. ....	1894	700



# ROLL OF TEACHERS

57

SADIE E. TULLY, gr. 8, 105 Westford street	1897	700
DELIA T. BRADY, gr. 7, 183 Chapel street ...	1883	700
KATHERINE E. KELLEY, gr. 7, 201 Appleton street .....	1883	700
ALICE C. O'BRIEN, gr. 7, 300 Wilder street ..	1897	700
ANNIE J. DEVINE, gr. 7, 128 Carlisle street	1901	700
MARY L. CROWLEY, gr. 6, 201 Appleton street .....	1902	700
HELEN L. CLARK, gr. 6, 297 East Merrimack street .....	1908	650
MARY L. McSORLEY, gr. 5, 40 Huntington street .....	1879	700
ETTA G. BURNS, gr. 5, 329 Concord street ..	1901	700
KATHERINE M. USHER, gr. 4, 465 Parker street .....	1895	700
KATHERINE M. JANTZEN, gr. 4, 3 Olive street .....	1902	700
MARGARET G. HYDE, gr. 4, 5 Floyd street	1902	700
MARY G. QUINN, gr. 4, 28 Chapel street ....	1906	650

## LYON STREET SCHOOL

Corner Lyon and Central Streets

KATE F. MURPHY, Principal, gr. 3, 870 Gorham street .....	1885	\$ 750
MARY J. McCARRY, gr. 1, 1600 Gorham street	1881	700
LORETTA A. HANNAFIN, gr. 2, 15 Sargent street .....	1910	650
ELLEN F. LYNCH, gr. 1, 11 Salem street ..	1910	650
GERTRUDE B. McQUADE, grs. 2 and 1, 225 Summer street .....	1912	650

## CARTER STREET SCHOOL

Carter Street

ISABELLA T. VINALL, Principal, gr. 3, 1 Glidden avenue .....	1873	\$ 750
MARGARET J. CONNORS, gr. 2, 48 Walnut street .....	1894	700



KATHERINE F. BRADY, gr. 2, 173 Chapel street .....	1897	700
MARY V. JOHNSON, gr. 1, 183 Wilder street	1897	700
DELIA C. MALONEY, gr. 1, 70 Elm street ....	1901	700

### AGAWAM STREET SCHOOL

Agawam and Barrington Streets

MARY A. FAY, Principal, gr. 3, 115 Stackpole street .....	1889	\$ 750
ANNA M. HIGGINS, gr. 2, North Billerica ...	1910	650
EUGENIE V. FRAPPIER, gr. 1, 26 Hampshire street .....	1910	650

### LONDON STREET SCHOOL

Corner of London and West Streets

ELIZABETH R. MAGUIRE, Principal, gr. 3, 60 Fort Hill avenue .....	1884	\$ 750
MARGARET L. HAGERTY, gr. 1 and 2, 31 Royal street .....	1908	650
MARY F. HILL, gr. 1 and 2, 94 Midland street	1887	700

### WEED STREET SCHOOL

Corner of Weed and Gorham Streets

LILLA M. McEVOY, Principal, gr. 3, 214 Pawtucket street .....	1893	\$ 750
MARY E. CROWLEY, gr. 2, 436 Lincoln street.	1905	650
MARY F. DEVINE, gr. 1, 1527 Gorham street	1902	650

### COLBURN GRAMMAR SCHOOL

Lawrence Street, near Charles

HELEN M. SHEAN, Principal, 260 High street	1891	\$1000
MARGARET C. FOX, gr. 9, 8 Eddy street ....	1900	700
ANNA T. McCARRON, gr. 8, 228 High street	1910	650
LENA COLLINS, gr. 7, 1106 Mammoth road, Collinsville .....	1911	650

## ROLL OF TEACHERS

59

JULIA M. DRISCOLL, gr. 6, 47 Grace street	1911	650
FRANCES L. DONOVAN, gr. 6, 168 Shaw street .....	1911	650
MARY J. MOYNAHAN, gr. 5, 216 High street	1911	650
LOUISE C. THOMAS, gr. 5, 40 West Sixth ..	1911	650
SADIE A. CONNOR, gr. 4, 73 Pleasant street	1911	650
ELIZABETH A. CONWAY, gr. 4, 219 Church street .....	1911	650

## COLBURN PRIMARY SCHOOL

Charles Street, near Lawrence

ELLEN M. HOLDEN, Principal, gr. 3, 2191 Lakeview avenue .....	1876	\$ 750
NELLIE F. DAVIDSON, gr. 2, 559 Fletcher street .....	1891	700
CLOTILDA A. DELANY, 82 Colonial avenue	1910	650
KATHERINE M. TOBIN, gr. 1, 40 Linden street .....	1910	650

## CENTRAL STREET SCHOOL

Central Street, opp. Hudson

ELIZA COWLEY, Principal, gr. 3, 484 Rogers street .....	1857	\$ 750
ELIZABETH G. LAWLER, gr. 2, 260 High st.	1897	700
ANNA T. COBURN, gr. 2, 39 Arlington street	1904	650
HELEN A. DRURY, gr. 1, 44 Walnut street	1897	700

## AMES STREET SCHOOL

Corner Lawrence and Ames Streets

MARY E. DREW, Principal, gr. 2, 36 Wamesit street .....	1868	\$ 750
MARY C. TIMMONS, gr. 3, 1164 Middlesex street .....	1911	650
EDITH FARRINGTON, gr. 1, 182 Perry street	1905	650

**EDSON GRAMMAR SCHOOL**

Highland Street

CALVIN W. BURBANK, Master, 130 Bowers street .....	1872	\$2000
CHRISTOPHER J. HAGAN, Acting Master, 94 D street .....	1300	
FRANCES M. WEBSTER, gr. 9, 45 Varney street .....	1873	700
ROSALIE T. BURNS, gr. 8, 39 Whitehead avenue .....	1878	700
ANNIE E. DONOVAN, gr. 8, 26 Madison street	1895	700
SUSAN F. BURBANK, gr. 6 and 7, 50 John street .....	1910	650
KATE J. HAYES, gr. 6 and 7, 15 Floyd street	1879	700
MARGIE F. MARREN, gr. 6, 86 Rolfe street	1886	700
SARAH J. CROSBY, gr. 5 and 6, 12 Simpson place .....	1868	700
JENNIE E. ROGERS, gr. 5, 418 Walker street.	1904	650
JULIA B. RIORDAN, gr. 4, 58 Second avenue	1897	700
MARIANNA L. DONOVAN, gr. 4, 256 Branch street .....	1911	650
ALICE O. STICKNEY, gr. 4, 599 School street	1910	650

**CHARLES STREET SCHOOL**

Charles Street, between Gorham and Chapel Streets

ALICE T. OWENS, Principal, gr. 3, 4 Belmont street .....	1878	\$ 750
ELLA E. GARDNER, gr. 1 and 2, 246 Appleton street .....	1871	700
MARION A. STEVENS, gr. 1 and 2, 465 Westford street .....	1908	650
MARGARET A. HARRAHAN, gr. 1, 32 Marshall street .....	1882	700

**COTTAGE STREET SCHOOL**

Corner Cottage and Chapel Streets

ROSE E. MacVEY, Principal, gr. 2, 46 Linden street .....	1887	\$ 750
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ANNIE L. MURPHY, gr. 3, 870 Gorham street	1901	700
E. LAURA MOORE, gr. 1, 21 Kimball avenue	1905	650

**ELIOT SCHOOL**

Corner Favor and Summer Streets.

ELLEN A. STILLINGS, Principal, gr. 1 and 2, 24 Bellevue street .....	1875	\$ 750
ELLEN A. CORBETT, gr. 3, 32 Highland st	1878	700
NELLIE T. O'GRADY, gr. 2, 623 Central street	1881	700
LOYOLA McCANN, gr. 1, 17 Wentworth ave	1893	700

**GREEN GRAMMAR SCHOOL**

Merrimack Street

ALBERT L. BACHELLER, Master, 195 Ne-smith street .....	1874	\$2000
RUTH B. BAILEY, gr. 9, 11 Burlington Ave.,	1871	700
CLARA A. HANNAFORD, gr. 8, 466 Wilder...	1869	700
LIZZIE A. NOLAN, gr. 7, 214 Pawtucket street	1876	700
FLORENCE E. ARCHIBALD, gr. 7, 50 John street .....	1911	650
JENNIE E. FAY, gr. 6, 115 Stackpole street....	1891	700
HANNAH M. BARROWS, gr. 6, 19 Newhall street .....	1908	650
CATHERINE F. McCARTHY, gr.5, 647 Market street .....	1889	700
SADIE F. McCORT, gr. 5, 15 Centre street....	1901	700
ELLA J. CARLETON, gr. 4, 35 Gates street...	1882	700
ELIZABETH PROVENCHER, gr. 4, 523 Fletcher street .....	1908	650
M. ALICE McCUE, gr. 4, 781 Broadway .....	1912	650

**KIRK STREET SCHOOL**

Corner Kirk and Lee Streets

ELIZA A. DAVIS, Principal, gr. 2 and 3, Billerica, Mass. ....	1881	\$725
LAURA H. PALMER, grs.1 and 2, 35 Thirteenth street .....	1882	700

**CABOT STREET SCHOOL**

Corner Cabot and Ford Streets.

MARY T. WHELLEY, Principal, gr. 2 and 3, 254 Parkview ave. ....	1897	750
EUGENIA L. HOGAN, gr. 1 and 2, 106 Avon street .....	1889	700
MARY J. MURPHY, gr. 1, 34 Butterfield street	1887	700

**WORTHEN STREET SCHOOL**

Worthen Street, between Market Street and Broadway

ESTHER V. GREEN, Principal, gr. 2, 434 West- ford street .....	1889	\$750
MARY R. MARREN, gr. 3, 86 Rolfe street....	1890	700
MARY E. MEEHAN, gr. 1, 228 Worthen street.	1891	700

**GREENHALGE GRAMMAR SCHOOL**

Ennell Street, Centralville

FREDERICK A. WOOD, Master, 295 Pawtu- cket street .....	1906	\$1900
MARY E. TOBIN, gr. 9, 40 Linden street .....	1906	650
GRACE E. FRYE, gr. 8, Billerica, Mass. ....	1910	650
MARY ALICE COCHRANE, gr. 7, 230 Cabot street .....	1911	650
LEONA M. SMALL, gr. 6, 46 Whitney avenue	1911	650
MARY R. SEERY, gr. 6, 237 Tenth street ....	1911	650
JOSEPHINE S. DUNLAVY, gr. 5, 22 Lagrange street .....	1908	650
ALICE A. MASTERSON, gr. 5, 60 Fort Hill avenue .....	1892	700
ANNIE L. MAHONEY, gr. 4, 41 Butterfield street .....	1906	650
HELEN KOHAWN, gr. 4, 63 Thirteenth street	1877	700

**GREENHALGE PRIMARY**

MARTHA ROGERS, gr. 3, 131 Cumberland road .....	1895	\$ 700
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IDA J. CLARKE, gr. 2, 166 Branch street .....	1887	700
BLANCHE E. MARSHALL, gr. 1, 48 Marginal street .....	1908	650

### LAKEVIEW AVENUE SCHOOL

Lakeview Avenue, Centralville

MARGARET J. McCLUSKEY, gr. 3, 246 Methuen street .....	1890	\$ 750
ALICE E. RAMSAY, gr. 2, 124 Third street ...	1906	650
ANNA F. JOYCE, gr. 1 and 2, 22 Twelfth street	1906	650
ANNIE E. IRVING, gr. 1, 82 Stone street, Dra-cut, Mass. ....	1908	650

### HIGHLAND GRAMMAR SCHOOL

Pine Street

CHARLES W. MOREY, Master, 14 Belmont street .....	1880	\$2000
ESTELLE L. WHITNEY, gr. 9, 13 Oakland street .....	1885	700
MARY F. FOSS, gr. 9, 248 Foster street .....	1891	700
ABBIE F. WOODWARD, gr. 8, 157 Dartmouth street .....	1869	700
ANNA T. COFFEY, gr. 8, 182 Wilder street ....	1910	650
LEONORA K. BATTLES, gr. 7, 21 Chester st.	1895	700
ANNA A. BURNHAM, gr. 7, 14 Belmont street	1894	700
LUELLA A. WARDWELL, gr. 6, 13 Oakland street .....	1870	700
MINNIE C. GRAY, gr. 6, 106 Liberty street ....	1890	700
GRACE R. SANDERS, gr. 5, 67 South Loring street .....	1897	700
LULU TURNER, gr. 5, 33 Warwick street ....	1900	700
GRACE F. WARD, gr. 5, 201 Appleton street ..	1893	700
C. ETHEL HALE, gr. 4, 15 Robbins street ....	1906	650
MABEL E. BROWN, gr. 4, 172 Branch street ..	1901	700
ARVILLA L. READER, gr. 4, 216 Appleton st.	1871	700
MARTHA R. TAYLOR, 146 Sixth street .....	1912	650
CARRIE L. BROWN, 18 Bourne street .....	1912	650



**FRANKLIN SCHOOL**

Corner Branch and Middlesex Streets

SARAH C. FISKE, Principal, gr. 3, 246 Appleton street .....	1866	\$ 750
MARY E. RICHARDSON, gr. 2, 55 Liberty st.	1910	650
MARION J. STEVENSON, gr. 1 and 2, 63 Princeton street .....	1878	700
KATE G. JONES, gr. 1, 240 Jewett street .....	1880	700

**PINE STREET SCHOOL**

Corner Pine and Gibson Streets

CARRIE J. BAILEY, Principal, gr. 3, 16 Loring street .....	1884	\$ 750
GRACE I. WASHBURN, gr. 2, 233 Westford street .....	1897	700
HELEN D. SWAIN, gr. 1, 413 Walker street	1904	650

**DOVER STREET SCHOOL**

Dover Street, between Middlesex and Grove Streets

CLARA B. HORNE, Principal, gr. 3, 106 Chestnut street .....	1877	\$ 750
CLEMENTINE H. BOWERS, gr. 2, 18 Loring street .....	1876	700
BERTHA GARDNER, gr. 1, 32 Robbins street	1887	700

**MIDDLESEX VILLAGE SCHOOL**

Middlesex Street, corner Cornell Street

HARRIET F. WAKEFIELD, Principal, gr. 5 and 6, 497 School street .....	1889	\$ 750
KATHERINE G. EGAN, gr. 3 and 4, 17 Princeton street .....	1904	650
GERTRUDE E. DANE, gr. 2, 234 Gibson street	1905	650

**POWELL STREET SCHOOL**

Powell Street, near Liberty Street

VIOLA A. HAMBLETT, Principal, gr. 1 and 2, 58 Bellevue street .....	1876	\$ 725
ELLEN J. PIPER, gr. 2 and 3, 55 Norcross street .....	1894	700

**ABRAHAM LINCOLN GRAMMAR SCHOOL**

Chelmsford Street

JAMES L. MELLEN, Master, 74 Pentucket avenue .....	1893	\$2000
MARGARET M. SPARKS, gr. 9, 169 Fort Hill avenue .....	1894	700
GRACE SCRIBNER, gr. 8, 190 Liberty street	1893	700
BRIDE T. SWEENEY, gr. 7, 138 Pleasant st	1900	700
IRMA V. HODGMAN, gr. 7, 632 Westford street	1897	700
MARGARET T. DONOVAN, gr. 6, 42 Clare street .....	1911	650
MARGARET G. McDONALD, gr. 6, 397 Broad- way .....	1904	650
MABEL W. EWINGS, gr. 5, 3 Astor street....	1891	700
ANNIE L. McKISSOCK, gr. 5, 9 Third street	1912	650
ELLA E. PRESCOTT, gr. 4, 601 Aiken street, Dracut .....	1894	700
ELLEN L. FLOYD, gr. 4, 124 Stevens street	1887	700
JULIA G. SLATTERY, gr. 4, 65 Arlington st	1911	650

Primaries in Lincoln School Building

ELSIE M. PUFFER, gr. 1, 942 Middlesex street	1901	700
LILLIAN A. STROUT, gr. 1, 95 So. Loring street .....	1906	650

**LAURA E. LEE SCHOOL**

Corner Plain and Powell Streets

FLORA H. SPRAGUE, Principal, gr. 3, 589 School street .....	1882	\$ 750
LENA M. ROBINSON, gr. 2 and 3, 68 So. Walker street .....	1898	700
LILLA M. STANLEY, gr. 2, 2 Horn street ....	1897	700
SADIE M. DEANE, gr. 1 and 2, 17 Loring street	1902	700
MINNIE E. COBURN, gr. 1, 157 Smith street	1910	650
EMMA M. GRAHAM, gr. 1, 419 Chelmsford.. street .....	1912	650

**HOWARD STREET SCHOOL**

Howard Street, between Chelmsford and Hale Streets.

MARION E. GREEN, Principal, gr. 3, 96 Pine st	1884	\$ 750
MARGARET S. JAMIESON, gr. 2, 53 So. Loring street .....	1904	650

**GRAND STREET SCHOOL**

Grand Street, between Westford and Middlesex Streets

JENNIE M. BENNETT, gr. 2 and 3, 2 Bellevue street .....	1885	\$ 700
CHARLOTTE A. PARSONS, gr. 1, 485 Westford street .....	1910	650

**MOODY GRAMMAR SCHOOL**

Corner High and Rogers Streets

WILLIAM S. GREEN, Master, 302 Nesmith street .....	1883	\$2000
NELLIE C. MAHONEY, gr. 9, 17 North street	1898	700
IDA L. SAMUELS, gr. 9, 56 Fifth avenue .....	1898	700
BERTHA M. ROWLANDSON, gr. 8, 11 Holyrood avenue .....	1891	700
FANNIE G. HOBBS, gr. 8, 5 Astor street ....	1910	650
ELLA M. BREEN, gr. 7, 23 Marsh street .....	1893	700
MARTINA F. McMAHON, gr. 7, 33 Mead street	1905	650
FLORA A. OWEN, gr. 6, 42 Huntington st.	1900	700
ANASTASIA E. DOWNING, gr. 6, 434 Westford street .....	1908	650
FRANCES E. HARDMAN, gr. 5, 18 Astor st	1873	700
FRANCES E. GARRITY, gr. 5, 61 Twelfth st	1874	700
CORA E. JONES, gr. 4, Y. W. C. A., John street	1910	650
EDITH T. SANBORN, gr. 4, 260 Mansur street	1911	650

**POND AND HIGH STREET SCHOOL**

High Street, Belvidere

CLARA A. EMERSON, Principal, gr. 2, 216 Appleton street .....	1869	\$ 750
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# ROLL OF TEACHERS

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GERTRUDE SEEDE, gr. 3, 85 Dover street ..	1906	650
MARY I. HALLORAN, gr. 2, 546 East Merrimack street .....	1908	650
ADELAIDE CROWLEY, gr. 1, 115 Fort Hill avenue .....	1894	700
MAUDE E. GREEN, gr. 1, 238 East Merrimack street .....	1900	700

## SYCAMORE STREET SCHOOL

Sycamore Street

FLORENCE E. ROWELL, Principal, gr. 2 and 3, 60 Porter terrace .....	1900	\$ 725
ELIZABETH B. DAME, gr. 1 and 2, 178 First street .....	1902	700

## PAWTUCKET GRAMMAR SCHOOL

Mammoth Road, Pawtucketville

WILLIAM P. BARRY, Master, 1280 Middlesex street .....	1887	\$2000
ELLEN M. MacDONALD, gr. 9, 214 Pawtucket street .....	1878	700
M. ISABELLA PHELPS, gr. 8, 50 Lamb street	1908	650
DELIA F. BRISCOE, gr. 7, Dracut .....	1912	650
ELIZABETH G. COMMON, gr. 6, 109 Beech st	1911	650
CHARLOTTE C. WALSH, gr. 6, 76 Mt. Vernon street .....	1902	700
GOLDIE M. GARDNER, gr. 5, 15 Columbus avenue .....	1898	700
CORINNA G. COVER, gr. 4, 16 Lombard street	1901	700

## NEW MOODY STREET SCHOOL

New Moody Street

ADDIE B. MERRILL, Principal, gr. 3, 465 Bridge street .....	1892	\$ 750
GRACE C. DELANY, gr. 2 and 3, 82 Colonial avenue .....	1900	700

ANNA I. CASSIDY, gr. 2, 4 Fifth avenue . . . . .	1902	700
KATHERINE P. O'BRIAN, gr. 2, 28 West Adams street . . . . .	1911	650
MARY E. SNOW, gr. 1, 89 School street . . . . .	1901	700
MAUDE M. HARDY, gr. 1, 171 Walker street	1901	700

### LEXINGTON AVENUE SCHOOL

CARRIE M. HART, 16 Varney street . . . . .	1887	\$ 725
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### RIVERSIDE GRAMMAR SCHOOL

Woburn Street, Wigginvillle

PATRICK J. REYNOLDS, Master, 139 Chapel street . . . . .	1912	\$1300
HARRIET L. WHEELER, gr. 9 and 8, 64 Mor- ton street . . . . .	1900	700
ELIZABETH A. GILINSON, gr. 6, 3 Bourne st	1910	650
FRANCES J. CUNNINGHAM, gr. 5, 517 Rogers street . . . . .	1906	650

### RIVERSIDE PRIMARY SCHOOL

CHISTINE M. KANE, gr. 3, 339 High street	1908	\$ 650
ETTA M. SMITH, gr. 2, 1118 Lawrence street	1906	650
CHARLOTTE O. LOWE, gr. 1, North Chelms- ford, Mass . . . . .	1910	650

### VARNUM GRAMMAR SCHOOL

Myrtle Street, Centralville

(Telephone 2326)

HENRY H. HARRIS, Master, 93 Eleventh street	1893	\$2000
ELIZABETH C. KENNEDY, gr. 9, 106 Durant street . . . . .	1884	700
MARY F. WING, gr 9, 3 Myrtle street . . . . .	1879	700
AGNES BAILEY, gr. 8, 53 Third street . . . . .	1900	700
DAISY B. MacBRAYNE, gr. 8, 24 Beech street .	1900	700
GRACE W. BALCH, gr. 7, 117 Third street . . . .	1894	700



ANNIE V. DONOGHUE, gr. 7, 11 Wesley street	1904	650
MARY A. FAY, gr. 6, 303 Tenth street .....	1898	700
AGNES T. FAY, gr. 6, 303 Tenth street .....	1891	700
ROSE A. DOWD, gr. 6, 237 Tenth street .....	1884	700
GRACE M. THURBER, gr. 5, 52 Fourth street	1910	650
ALICE R. KEESE, gr. 5, 107 Warwick street	1881	700
ADA E. HOOLE, gr. 5, 173 Warren street ....	1894	700
MARGARET F. HOWE, gr. 5, 208 South street	1900	700
JULIA WILLIAMS, gr. 4, 156 Sixth street ....	1886	700
MABEL A. METCALF, gr. 4, 93 Vernon street	1908	650
VERA E. GROVES, 53 Thirteenth street .....	1912	650

### WEST SIXTH STREET SCHOOL

West Sixth Street, between Coburn and Jewett Streets  
Centralville

STELLA J. ALLEN, Principal, gr. 3, 115 Third street .....	1879	\$ 750
ELIZABETH Fê LAMERE, gr. 2, 63 Canton st.	1887	700
MARION S. KEYES, gr. 1 and 2, 102 Third st.	1888	700
MARY J. CALLAHAN, gr. 1, 117 Durant street	1895	700

### TENTH STREET SCHOOL

Corner Tenth and Varnum Streets, Centralville

MARY F. BEANE, Principal, gr. 3, 212 Tenth st.	1879	\$ 750
FANNIE H. MURPHY, gr. 2, 42 Twelfth street	1889	700
ALICE A. HOLTHAM, gr. 1 and 2, 1107 Bridge street .....	1887	700
ELLA A. BAILEY, gr. 1, 16 Varnum street ....	1869	700

### BILLINGS STREET SCHOOL

ANNIE M. ROBBINS, Principal, gr. 3, 62 Twelfth street .....	1895	\$ 750
RUTH CROWELL, gr. 2 and 3, 71 Fort Hill avenue .....	1911	650
ELIZABETH H. SEEDE, gr. 1, 85 Dover street	1906	650
MARIETTA G. GORMLEY, gr. 1, 22 Lyon st.	1895	700

**WASHINGTON GRAMMAR SCHOOL**

Lang Street, opposite Inland

JOHN E. BARR, Master, 178 First street . . . . .	1906	\$1400
HELEN A. DOW, gr. 9, 149 B. street . . . . .	1905	650
SUSAN C. GRIFFIN, gr. 8, 36 Grace street . . . .	1906	650
ESTHER M. GREENE, gr. 7, 179 Warwick st. . . .	1906	650
ALICE G. MCGILLY, gr. 6, 149 Concord st. . . .	1911	650
LAURA F. GREENE, gr. 5, 179 Warwick st. . . .	1911	650
OLIVE J. PALM, gr. 4, 255 Plain street . . . . .	1911	650

**PRIMARY DEPARTMENT**

MYRTLE M. KILLPARTRICK, gr. 1, 609 Stevens street . . . . .	1911	\$ 650
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**KINDERGARTENS****AGAWAM STREET**

SARAH G. SPARKS, Principal, 59 Elm street . .	1894	\$ 550
KATHERINE M. CROWLEY, 115 Fort Hill avenue . . . . .	1908	500

**BARTLETT**

HELEN W. NOYES, Principal, 49 Nesmith st	1896	\$ 550
EDITH A. ANDREWS, 77 Fort Hill avenue	1897	500

**CHAPEL STREET**

ELSIE M. CRAGIN, Principal, 114 So. Walker street . . . . .	1895	\$ 550
KATHERINE C. EARLY, 181 Pleasant street	1896	500

**CHARLES STREET**

MABEL D. NICKERSON, Principal, 136 Chest- nut street . . . . .	1893	\$ 550
S. ALICE KNAPP, 336 East Merrimack street	1899	500

**DOVER STREET**

ELIZABETH A. WILSON, Principal, 15 South Canton street .....	1893	\$ 550
ELLA M. PENN, 262 London street .....	1901	500

**FRANKLIN**

N. GRACE TAYLOR, Principal, 11 Ware street	1895	\$ 550
HORTENSE M. LAMERE, 13 Ralph street ....	1899	500

**LAURA E. LEE**

EDITH A. HOWITT, Principal, 52 Myrtle st.	1897	\$ 550
ALICE F. SEETON, 158 Mammoth road .....	1901	500

**MOODY**

MARY C. WALKER, Principal, 100 Appleton st.	1893	\$ 550
GERTRUDE B. CROWLEY, 115 Fort Hill ave	1909	500

**PAWTUCKET**

MARIETTA KING, Principal, 205 Stackpole st.	1895	\$ 550
S. HORTENSE TABOR, 82 Riverside street	1896	500

**PINE STREET**

LOUIE I. SMITH, Principal, 11 Edson street	1895	\$ 550
GERTRUDE A. ROBERTS, 74 Stevens street	1897	500

**VARNUM**

NETTIE M. CONANT, Principal, 113 Fremont street .....	1892	\$ 550
CLARA M. EVERETT, 75 Beacon street ....	1896	500
HELEN S. LIVINGSTON, temp., 28 Robbins st.		

**SCHOOL VISITOR**

ALICE M. FRENCH, Y. W. C. A., John street	1909	\$ 650
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## ROLL OF TEACHERS

## MUSICAL DIRECTOR

FREDERICK O. BLUNT, Tel. 3511, 21 Bellevue street .....	1898	\$1250
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## ASSISTANT IN MUSIC

JESSIE M. HAGAR, Tel. 1804-W, 237 Branch street .....	1911	\$ 800
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## SUPERVISORS OF DRAWING

OLIVE E. UNDERHILL, 117 Branch street ..	1887	\$ 750
ADDIE E. EDWARDS, Tel. 1128-W., 57 Pine street .....	1907	750

## TEACHER OF SEWING

IDA J. FLINT, Tel. 2641-W., 200 Liberty st.	1880	\$ 900
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## ASSISTANT IN SEWING

ESTHER M. OWENS, Tel. 3620, 4 Belmont st.	1912	\$ 700
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## INDUSTRIAL SCHOOL

Old Bartlett School Building, Clark Street.

Mann School, Broadway, Tel. 2932.

WILLIAM H. DOOLEY, Principal, 67 Burtst st.	1911	\$2500
CLARA I. FARRINGTON, 2 Perry street, Assistant to Mr. Dooley .....	1912	600
WILLIAM A. WEBB, 50 Mt. Vernon street, Instructor in Machine Shop Practice and Blacksmithing .....	1911	1200
WALTER F. CONNOLLY, 84 School street, Assistant in Machine Drawing and Mathema- tics .....	1911	750
FRED F. WIGGIN, 710 Stevens street, In- structor in Carpentry .....	1911	900
CLARENCE E. LESUER, 16 Midland street, Instructor in Automobile Repairing .....	1911	800

HERBERT L. CARRAGHER, 365 Beacon street, Instructor in Electricity .....	1911	800
TIMOTHY H. REARDON, 16 Marginal street, Assistant in Machine Shop Practice and Blacksmithing .....	1912	900
CHARLES J. RODGERS, 65 Butterfield street, Assistant in Carpentry .....	1912	800
JOHN F. GALLAGHER, 58 Seventh street, Assistant in Electricity .....	1912	700
F. JOSEPH O'DONOGHUE, 239 School street, Academic Branches .....	1912	800

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### GIRLS' DEPARTMENT

Morrill School Building, Common Street

ALICE L. GOOKIN, 824 Rogers street, Academic Branches .....	1911	\$ 800
RUBERTA BRAMHALL, 84 Tenth street, Housekeeping .....	1911	800
ANNA M. O'DAY, 599 Central street, Dress-making .....	1911	750
ESTHER M. DOWNING, 434 Westford street, Drawing, Arithmetic and Textiles .....	1912	750
ESTHER G. DONLAN, 196 Westford street, Housekeeping .....	1912	800
AGNES R. BURNS, 427 Lakeview avenue, Assistant in Dressmaking .....	1912	650

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### ABSENT ON LEAVE

Ethel W. Whitcomb, High School, '03, Box 620, Manila, P. I.  
 Katherine Kelly, Cross st., '93, 24 Columbus Ave.  
 Calvin W. Burbank, Edson School, '72, 130 Bowers st.  
 Mary F. Foss, High School, '91, 248 Foster street.  
 Grace R. Sanders, Highland School, '97, 67 So. Loring street.  
 Bertha M. Rowlandson, Moody School, '91, 11 Holyrood Ave.  
 Mary F. Wing, Varnum School, '79, 3 Myrtle street.



Agnes T. Fay, Varnum School, '91, 303 Tenth street.  
Grace M. Thurber, Varnum School, '10, 52 Fourth street.  
Alice B. Besse, New Moody, '91, 581 Rogers school.  
May E. P. Lowney, unassigned, '10, 40 Crowley street.  
Helen J. O'Hearn, Lincoln School, '00, 649 Westford street.  
Helen M. Whitcomb, unassigned, '11, 2 Belmont street.

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### PERMANENT SUBSTITUTES

Mollie M. Brosnan, 210 Cross street.  
Mary M. Cowell, 1032 Gorham street.  
Elizabeth R. Connell, 24 Ash street.  
Anna J. Cawley, 85 Rogers street.  
Mary F. Carolan, 256 Concord street.  
Ethel Chalifoux, 157, Mt. Vernon street.  
Caroline Downey, 56 Huntington street.  
Alice G. Donohoe, 50 Linden street.  
Ellen L. Daley, 134 Lilley Ave.  
Henrietta Grady, 39 Lunberg street.  
Rose C. Geary, 49 Whipple street.  
Helen R. Halloran, 546 E. Merrimack street.  
Mae Hogan, 82 Varney street.  
Alice L. Joyce, 22 Twelfth street.  
Gertrude Keyes, 62 Pine street.  
Bethia S. Keith, 419 Chelmsford street.  
Loretta M. Kinsela, 6 Burns street.  
Alice M. Lynch, 11 Salem street.  
Anna L. McNabb, 63 Dunfey street.  
Frances Noonan, 115 Pleasant street.  
Julia O'Sullivan, 105 Mt. Washington street.  
Marietta O'Neil, 11 Carter street.  
Mary J. Reardon, 16 Marginal street.  
A. Lillian Walsh, 145 Mammoth Rd.

**TEACHERS' CERTIFICATES**

Granted since January 1, 1908

**First Grade**

Dennis A. Murphy, University of America, '08, 349 Broadway.  
Joseph G. Pyne, Holy Cross, '10, 823 Central street.  
George F. Lee, Boston College, '09, 536 Gorham street.  
John E. Robinson, Bates, '06, Goffstown, N. H.  
Arthur B. Barnes, Dartmouth, '08 30 Huntington street.  
Raymond W. Sherburne, Dartmouth, '08, Tyngsboro, Mass.  
Charles E. Seede, Tufts, 85 Dover street.  
Patrick J. Reynolds, Holy Cross, '12, 139 Chapel street.

**Second Grade**

May D. Stone, Mt. Holyoke, '08, 63 Royal street.  
Helen M. Whitcomb, Smith, '08, 2 Belmont street.  
Anna C. Chandler, Wellesley, '09, 5 Concord terrace, South Framingham.  
Lucy P. Hall, Smith, '06, 135 Hildreth street.  
Frances M. Masterson, Radcliffe, '10, 352 Christian street.  
Josephine A. Boynton, Smith, '08, 101 Livingston avenue.  
Mary L. Martin, Smith, '10, 547 Gorham street.  
Helen Guyton, Boston University, 159 Mammoth road.  
Elizabeth Spalding, Simmons, '09, 1016 Middlesex street.  
Millie A. Severance, Smith, '09, 202 Stevens street.  
Margaret M. Cassidy, Boston University, '08, 44 B street.  
Maud E. McManama, Boston University, '09, 162 Summer st., Waltham.  
Myrtle M. Killpartrick, Tufts, '09, 915 Bridge street.  
Mary W. Sawyer, Wellesley, '11, 915 Bridge street.  
Genieve E. Lawrence, Wellesley, '12, 53 Berkeley Ave.  
Mary E. Quirbach, Smith, '12, 134 Gorham street.  
Ellen E. McQuade, Trinity, '12, 318 Andover street.  
Hannah E. Moors, Wellesley, '12, 104 Moore street.  
Hope Hearn, Radcliffe, '12, 536 Fletcher street.

**Third Grade**

Marietta G. Gormley, Lowell Normal, 22 Lyon street.  
 Katherine C. Early, Lowell Normal, 181 Pleasant street.  
 Katherine M. Crowley, Lowell Normal, 115 Fort Hill Ave.  
 Gertrude B. Crowley, Lowell Normal, 115 Fort Hill Ave.  
 Elsie M. Cragin, Lowell Normal, 114 So. Walker street.

**Fourth Grade**

Helen S. Livingston, Lowell Normal, '05, 28 Robbins street.  
 Helen B. Webster, Lowell Normal, '08, 69 Myrtle street.  
 Myra L. Stacy, Lowell Normal, '08, 16 Fairfield street, Haverhill, Mass.  
 Josephine A. Boynton, Lowell Normal, '03, 101 Livingston ave.  
 Catherine Dunn, Lowell Normal, '10, West Chelmsford, Mass.  
 Elsie M. Dustin, Lowell Normal, '10, 79 Penacook street  
 Manchester, N. H.  
 Sophie H. Kegler, Lowell Normal, '10, 34 Lowden avenue,  
 West Somerville.  
 Edna H. Walcott, Lowell Normal, '10, Nashua, N. H.  
 Hazel Chadwick, Lowell Normal, '11, 141 Nesmith street.  
 Edna M. Hogg, Perry Kindergarten, '12, 505 Westford street.

**SALARIES OF TEACHERS****HIGH SCHOOL**

Head Master .....	\$3000
Men Teachers .....	800 to 2000
Women Teachers, first year .....	650
Women Teachers, second year .....	700
Women Teachers, third year and thereafter .....	800 to 1000

**GRAMMAR SCHOOLS**

Masters, (yearly increase, \$100) .....	\$1300 to \$2000
Teachers, first year, \$500, after ten years .....	800
Teachers of Drawing .....	800
Teachers of Music .....	800 to 1250
Teacher of Sewing .....	900
Assistant Teacher of Sewing .....	700

## PRIMARY SCHOOLS

Principals of three or more rooms, maximum salary ..	\$850
Principals of two or more rooms .....	825
Teachers, first year, \$500; after ten years .....	800

## KINDERGARTENS

Principals .....	\$600
Assistants .....	550

## TEMPORARY TEACHERS

Men Teachers per day .....	\$3.00
Women Teachers .....	2.50
Kindergartens .....	1.75
Sub-Master .....	2200

## TEXT BOOKS USED IN THE PUBLIC SCHOOLS

## PRIMARY SCHOOLS

First Readers, Many Series	Davis's Stories of American
Second Readers, Many Series	History
Advanced Second and Third Readers, Many Series	Carroll's Around the World, Book I
Franklin Primary Arithmetic	Aldine Reading Chart
Prince's Arithmetic by Grades	American Music Readers
Nicholl's Graded Lessons in Number	American Music Chart
Wilson's Historical Reader	Blaisdell's Child's Book of Health
	Whitehouse's Writing Books

## GRAMMAR SCHOOLS

Third Readers, Several Series	Reed's Word Lessons
Fourth Readers, Several Series	The Mother Tongue, Books I
Fifth Readers, Several Series	and II
Scudder's Fables and Folk Stories	Tarr and McMurry's Geographies, desk books for teachers
DeFoe's Robinson Crusoe	Frye's Geographies
Burrough's Birds and Bees	Metcalf and Rafter's series of Grammars
Hawthorne's Wonder Book	
American Literature, Masterpieces	Winslow's Earth and its People
Southworth-Stone Arithmetics	Little People Everywhere Series of Geographical Readers
Morey's Arithmetics	Gordy's History of the United States
Carpenter's Geographical Readers	Scudder's History of the United States
Carroll's Around the World	
Lewis's First Manual of Composition	Fiske's History of the United States
Union Series of Physiologies	Montgomery's History of the United States
Coleman's Physiologies	
Gulick Hygiene Series	Tappan's Our Country's Story



Wentworth's First Steps in Algebra	Guerber's Story of the English
	Guerber's Story of the Greeks
Worcester's Speller	Ashley's Citizen and Govern-
The Morse Speller	ment
The Rational Spelling Book	Worcester's, Webster's and
Chancellor's Spellers	Clarendon Dictionaries
Quincy Word List	Werner Mental Arithmetic
Whitehouse's Writing books	American Music Readers

## HIGH SCHOOL

**Chemistry, Physics and Other Sciences**

Experimental Chemistry, Newell	Herbarium Wilson
Qualitative Analysis, Irish	Lessons in Astronomy, Young
A Text-Book of Physics, Hall-Bergen	Physics, Hoadley
Botany, Gray	Physio'ogy, Kellogg
Geology, Le Conte	Physiology, Blaisdell
Descriptive Chemistry, Newell	Physiology, Martin
	Tarr's Physical Geography
	Geology, Brigham

**English**

English Composition, Shaw	Silas Marner, Eliot
Hill's Principles of Rhetoric	Sir Roger de Coverly Papers,
Foundations of Rhetoric, Hill	Addison
Lessons in English, Buehler	Ancient Mariner, Coleridge
Composition Rhetoric, Brooks and Hubbard	Chaucer to Arnold, George
Enlarged Practice Book, Hitchcock	Conciliation with America, Burke
Introduction to English Literature, Pancoast	Ivanhoe, Scott
Story of the Odyssey, Church	Macbeth, Shakespeare
Tales from Shakespeare, Lamb	Lady of the Lake, Scott
Iliad, Pope	Merchant of Venice,
Iliad, Bryant	Shakespeare
	Milton's Lyrics
	Idylls of the King, Tennyson

Julius Ceasar, Shakespeare	Vision of Sir Launfal, Lowell
Emerson's Essays (selected)	Last of the Mohicans, Cooper
Essays of Elia, Lamb	House of Seven Gables,
Twice-Told Tales, Hawthorne	Hawthorne

### French

College Plays, Bocher	Le Tour de la France par
Colomba, Merimee	deux Enfants, Bruno
Le Cid, (Corneille)	La Mare au Diable, Sand
Contes et Legendes, II	La Famille de Germandre,
Guerber	Sand
Douze Contes Nouveaux,	La Fontaine's Fables
Fontaine	(American Book Company)
French Reader for Beginners,	Le Siege de Berlin
Kuhns	Class-Book of French
La Chute, Hugo	Composition, Blouet
French Dictionary, Heath	La Grammaire, Labiche
French Grammar, Grandgent	Scenes de la Revolution
French Grammar, Fraser and	Francaise, Lamartine
Squair	Le Dix-Septieme Siecle
French Grammar, Worman	Grammaire Francaise, Larive
French Lyrics, Bowen	et Fleury, 2me An.
French Reader, Super	French Syntax and Composi-
Exercises, Grandgent, III, IV,	tion, Bouvet
V	Readings from French History,
Exercises for French	Super
Composition, Kimball	Selected Stories, Daudet
La Tache du Petit Pierre	L'Expedition de Bonaparte en
Le Voyage de Monsieur	Egypte, Thiers
Perrichon, Labiche	French Commercial Reader,
French Composition,	Pitman
Grandgent	Intermediate French, Jacques
Sight Reading, Rogers	

**German**

Hoher als die Kirche, Clary	Storm's M. St. Jurgen
German Composition, Fasnacht	German Dictionary, Heath
'Traumereien, Leander	Der Zerbrochne Krug, Joyne's
Heise's L'Arrabbiata	Jayne's Meissner's German
Harris' German Lessons	Grammar
Wesselhoefts' German	Gould's Tales from Hauff
Composition	Schiller's Jungfrau von Orleans
Harris' German Composition	Schiller's Wilhelm Tell
Immensee, Storm's	Wildenbruch's Das Edle Blut
Ludwig's Zwischen, Himmel	Baumbach's Der
und Erde	Schwiegersohn

**Greek**

Anabasis, Xenophon	Greek Lexicon, Liddell and
Greek Composition, Pearson	Scott
Greek Composition, Woodruff	Greek Lexicon, White
Greek Grammar, Goodwin	Greek Reader, Goodwin
Greek Lessons, White	Homer's Iliad, Seymour
.. .	Homer's Odyssey, Seymour

**History**

Ages of Pericles, Grant	Fiske's School Histories
American History,	A Short History of Ancient
Montgomery	Times, Myers
Ancient History, Myers	Greek History, Morey
English History, Montgomery	Roman History, Morey
Greek Civilization, Mahaffy	Greek History, Botsford
History of England, Coman	Greek Tragedians, Church
and Kendall	Johnston's American History
History of English People,	Plutarch's Lives, Kaufman
Green	Source Book, Hart.
English History, Higginson	U. S. History, McMaster
and Channing	
European History, Adams	

**Latin**

Caesar, Allen and Greenough	Virgil, Allen and Greenough
Cicero, Allen and Greenough	Virgil, Brice
Gate to Caesar, Collar	Viri Romae, Rolfe
Ovid, Allen and Greenough	First Year Latin, Collar and
Sallust	Daniell

**Mathematics**

Academic Algebra, Wells	Geometry, Plane, Wentworth
Arithmetic, Wentworth and Hill	and Smith
Geometry, Plane and Solid, Wentworth	Elementary Algebra, Wentworth
Essentials of Algebra, Wells	Geometry, Plane, Wells
	Secondary Algebra, Wells
	Trigonometry, Wentworth

**Commercial**

Commercial Geography, Adams	Seventy Lessons in Spelling, Williams and Rogers
Mental Arithmetic, Williams and Rogers	Commercial Arithmetic, Moore
Business Correspondance, Williams and Rogers	Commercial Law, Gano
Shorthand, Gregg	Bookkeeping and Business Practice, Williams and Rogers





**SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS OF THE CITY OF LOWELL  
FOR THE YEAR ENDING JUNE 30, 1912.**

SCHOOLS	LOCATION	Whole No. Enrolled			No. pupils belonging Dec. 1912			Whole No. pupils on time books since Sept. 1, 1911			Average No. pupils belonging to school			Average daily attendance			No. en'd not rec. from any other public school	Rec'd from other public schools of lower grade	Rec'd from other public schools of same grade	Sent to other public schools of higher grade	Sent to other public schools of same grade	Per cent. of attendance	Number of class rooms in regular use	Number of seats or sit-tings in these rooms	Number of half days of school, counting each room as a "school"
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total									
High . . . . .	Kirk and Anne Sts. . . . .	577	696	1273	567	656	1223	577	696	1273	529	644	1173	504	616	1120	112	312	21		5	96	39	1303	14352
Bartlett (Gr.) Primaries	Wannalancit St. . . . .	224	244	468	187	204	391	231	250	481	203	214	417	188	197	385	13	85	10	41	14	92	12	624	4318
Bartlett. . . . .	Wannalancit St. . . . .	128	117	245	95	97	192	134	121	255	104	105	209	93	91	184	44	6	10	81	16	88	5	226	1382
McMorrill. . . . .	Adams and Common Sts. . . . .	69	72	141	60	54	114	97	74	171	52	45	97	48	42	90	104	0	23	14	8	93	3	146	1095
Cross St. . . . .	Cross St. near Mt. Vernon St. . . . .	40	43	83	42	46	88	43	45	88	28	38	66	26	37	63	28	8	5	16	5	95	3	133	1104
	Totals for Primaries	237	232	469	197	197	394	274	240	514	184	188	372	167	173	337	176	14	38	111	29	91	11	505	3581
Butler (Gr.) Primaries	Gorham St. . . . .	358	342	700	322	321	643	371	350	721	328	313	641	308	290	598	31	161	21	62	23	95	16	797	5840
Agawam St. . . . .	Cor. Agawam and Barrington Sts. . . . .	51	44	95	42	30	72	54	47	101	50	39	89	45	37	82	14	11	6	28	9	93	3	139	1095
Carter St. . . . .	Carter St. . . . .	104	86	190	80	76	156	111	96	207	90	78	168	80	70	150	62	0	17	35	10	89	5	280	1815
London St. . . . .	Cor. London and West Sts. . . . .	67	70	137	69	62	131	75	79	154	65	60	125	59	55	114	40	0	17	0	17	91	3	150	1094
Lyon St. . . . .	Cor. Central and Lyon Sts. . . . .	116	111	227	79	87	166	134	125	259	98	92	190	90	90	180	56	6	32	49	23	90	5	216	1785
Weed St. . . . .	Cor. Gorham and Weed Sts. . . . .	41	59	100				45	65	110	34	49	83	32	45	77	31	0	10	21	11	93	3	161	1095
	Totals for Primaries	379	370	749	270	255	525	419	412	831	337	318	655	306	297	603	203	17	82	133	70	92	19	986	6884

# SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS—Continued

Colburn (Gr.)	173	153	326	155	145	300	183	165	348	149	146	295	144	136	280	16	70	22	18	18	95	9	412	3276
Primaries																								
Colburn .....	85	87	172	89	87	176	103	98	201	72	70	142	67	63	130	11	14	27	32	16	90	4	204	1480
Ames St. ....	57	49	106	51	39	90	67	50	117	56	39	95	52	35	87	49	3	11	26	9	92	3	164	1089
Central St. ....	74	73	147	77	68	145	82	78	160	68	68	136	62	62	124	38	11	9	34	14	91	4	210	1480
Totals for Primaries	216	209	425	217	194	411	252	226	478	196	177	373	181	160	341	98	28	47	92	39	91	11	578	4009
Edson (Gr.)	254	247	501	237	257	494	260	260	520	222	222	451	211	210	421	23	120	19	20	21	93	11	559	4015
Primaries																								
Charles St. ....	103	97	200	78	67	145	111	108	219	74	80	154	73	69	142	68	5	19	29	34	93	4	192	1468
Cor. Cottage and Chapel Sts. ....	67	58	125	54	55	109	69	73	142	58	45	103	53	39	92	37	5	17	34	20	89	3	150	1092
Cor. Sumner and Favor Sts. ....	79	89	168	66	56	122	89	98	187	65	66	131	60	61	121	80	0	15	36	19	91	4	220	1452
Totals for Primaries	249	244	493	198	178	376	269	279	548	197	191	388	186	169	355	185	10	51	99	73	91	11	562	4012
Green (Gr.)	313	270	583	209	209	418	335	281	616	230	189	419	217	170	387	269	76	33	23	11	93	11	603	4015
Primaries																								
Cabot St. ....	81	61	142	77	37	114	92	67	159	51	32	83	45	29	74	120	0	14	28	8	90	3	152	1101
Kirk St. ....	46	46	92	36	31	67	64	54	118	33	31	64	31	28	19	54	2	27	25	20	92	2	111	733
Worthen St. ....	65	63	128	53	55	108	67	67	134	51	47	98	47	43	90	54	0	5	24	10	94	3	159	1098
Totals for Primaries	192	170	362	166	123	289	223	188	411	135	110	245	123	100	223	228	2	46	77	38	91	8	422	2931
Greenhalge (Gr.)	195	178	373	162	170	332	202	184	386	167	158	325	157	145	302	94	50	27	17	26	93	9	427	3303
Primaries																								
Greenhalge .....	62	82	144	55	52	107	66	85	151	49	56	105	44	50	94	35	0	12	22	10	89	3	144	1098
Lakeview Ave. ....	82	84	166	72	66	138	91	89	180	71	72	143	64	64	128	71	1	13	28	15	88	4	214	1456
Totals for Primaries	144	166	310	127	118	245	157	174	331	120	128	248	108	114	222	106	1	26	50	25	89	7	358	2558

# SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS—Continued

Highland (Gr.) Primaries	258	287	545	252	279	531	274	300	574	229	266	495	215	247	462	61	88	50	64	12	93	14	634	5086
Dover St. ....	65	69	134	44	63	107	74	73	147	58	63	121	53	58	111	27	23	13	40	7	91	3	153	1086
Cor. Pine and Gibson Sts. ....	74	61	135	51	49	100	74	68	142	65	55	120	59	49	108	21	23	12	44	10	90	3	168	1093
Franklin ..... Junction Branch and Middlesex Sts. ....	79	74	153	84	63	147	96	84	180	72	61	133	64	56	120	47	17	23	30	20	90	4	188	1432
Powell St. ....	52	58	110	44	41	85	55	63	118	47	49	96	44	45	89	17	9	21	28	26	93	2	105	734
Totals for Primaries	270	262	532	223	216	439	299	288	587	242	228	470	220	208	428	112	72	69	142	63	91	12	614	4365
A. Lincoln (Gr.) Primaries	254	261	515	250	235	485	265	270	535	228	234	462	209	217	426	27	120	20	34	18	92	11	553	3971
Lincoln ..... In Grammar School Building. ....	46	47	93	53	49	102	51	54	105	41	43	84	35	37	72	68	25	12	0	1	86	2	112	722
Howard St. ....	86	78	164	75	70	145	91	81	172	73	63	136	67	57	124	47	4	46	49	12	91	4	203	1460
Totals for Primaries	132	125	257	128	119	247	142	135	277	114	106	220	102	94	196	115	29	58	49	13	90	6	314	2182
Moody (Gr.) Primaries	226	196	423	189	163	352	233	208	441	205	176	381	197	164	361	19	60	19	65	20	93	11	546	4037
Oaklands ..... Sycamore St., near Wentworth Ave. ....	45	43	88	37	35	72	49	44	93	40	37	77	37	33	70	24	3	4	18	9	90	2	102	734
Pond St. ....	97	102	199	93	94	187	106	117	223	81	83	164	72	74	146	76	2	22	29	11	90	5	213	1833
Totals for Primaries	142	145	287	130	129	259	155	161	316	121	120	241	109	107	216	100	5	26	47	20	90	7	315	2567
Pawtucket (Gr.) Primary	120	167	287	144	179	323	120	168	288	103	147	250	100	139	239	53	40	6	33	0	96	6	312	2190
New Moody St.	103	95	198	101	109	210	109	95	204	89	84	173	84	79	163	63	18	6	40	9	94	6	275	2196
Riverside (Gr.) Primary	46	58	104	44	71	115	46	64	110	38	55	93	36	51	87	9	26	6	0	3	95	3	133	1086
Riverside ..... In Grammar School Building. ....	52	55	107	38	37	75	57	62	119	39	48	87	35	44	79	35	0	11	19	17	90	3	155	1086

# SUMMARY OF THE ANNUAL RETURNS OF THE PUBLIC SCHOOLS—Continued

Varnum (Gr.)	291	315	606	274	264	538	332	343	675	274	283	557	273	265	538	86	120	16	56	26	95	15	776	5470
Primaries																								
Myrtle and Beech Sts. Centralville...																								
West Sixth .....	98	91	189	96	73	168	110	99	209	77	70	147	72	65	137	69	4	29	42	34	93	4	228	1460
Tenth .....	98	83	181	71	63	134	106	91	197	75	65	140	69	58	127	43	22	20	54	23	91	4	211	1460
Billings .....	79	93	172	63	69	132	85	99	184	68	74	142	63	66	129	57	0	13	30	14	91	4	216	1456
Totals for Primaries	275	267	542	229	205	434	301	289	590	220	209	429	204	189	393	169	26	62	126	71	91	12	655	4376
Washington(Gr)	125	104	229	128	121	249	126	105	231	111	89	200	107	84	191	1	57	17	0	25	96	6	274	2206
Primary				12	18	30																		
Laura Lee .....	116	137	253	101	113	214	125	151	276	103	124	227	96	112	208	37	20	48	81	20	91	5	280	1825
Cor. Chelmsford and Plain Sts. ....																								
Mixed Schools...				241	252	433																		
Middlesex Vill'g	67	57	124	56	53	109	70	62	132	58	54	112	54	52	106	30	0	8	5	7	92	3	152	1085
Lexington Ave..	19	15	34	14	13	27	20	15	35	14	12	26	13	10	23	11	6	1	0	9	90	1	36	361
Totals for Mixed Schools	86	72	158	70	66	136	90	77	167	72	66	138	67	62	129	41	0	9	5	16	93	4	188	1456
KINDERGARTENS																								
Agawam .....	23	22	45	14	16	30	23	22	45	16	13	29	14	10	24	42	0	3	6	4	80	1	40	182
Bartlett .....	25	21	46	13	25	39	25	21	46	16	10	26	13	8	21	46	0	0	29	2	83	1	40	181
Cor. Chapel and Keene Sts. ....	40	23	63	16	20	36	24	42	68	18	27	35	17	24	31	63	0	3	17	4	85	1	50	183
In Colburn Primary Building	33	26	59	23	9	32	33	26	59	8	13	31	14	10	24	59	0	0	2	0	77	1	40	181
Dover St. ....	17	19	36	12	15	27	19	19	38	12	11	23	9	9	18	36	0	2	21	0	78	1	35	177
In Dover St. Primary Building	38	29	67	19	21	40	43	36	79	21	21	42	14	13	27	76	0	3	29	2	08	1	44	181
Franklin School Building .....	32	29	62	15	14	29	23	20	52	12	18	30	9	15	28	51	0	1	36	5	80	1	40	183
Cor. Plain and Powell Sts. ....	32	30	62	18	14	32	32	30	63	14	14	28	8	9	17	58	0	5	27	0	70	1	53	180
Lincoln .....	29	29	58	16	10	26	18	33	61	11	23	34	9	18	27	51	0	0	12	0	69	1	39	183
Moody .....	18	23	51	16	10	26	18	33	61	11	23	34	9	18	27	51	0	0	12	0	69	1	39	183
Fawtucket .....	24	17	41	13	10	23	24	17	41	16	14	30	13	11	24	41	0	0	19	0	80	1	34	182
Pine St. ....	32	35	67	20	20	40	32	35	67	21	22	43	19	17	36	67	0	0	24	0	84	2	46	182
Varnum .....																								
Totals for Kindergartens	334	313	647	179	175	354	328	341	639	185	206	391	142	159	301	647	0	22	224	21	79	13	499	2182



















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